



PTO-1449 (REV. 8-83) SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET: 2002834-0222	IN RE APPLICATION NO.: 10/728,051
		APPLICANT: Caplan	
		FILING DATE: December 4, 2003	GROUP: 1644

U.S. PATENT DOCUMENTS

Examiner's Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass
Pnk	*6,221,648	Le Page et al.	April 24, 2001	435	252.3
	*5,888,799	Curtiss, III	March 30, 1999	435	252.3
	*5,834,246	Holmgren et al.	November 10, 1998	435	69.7
↓	*5,830,463	Duke et al.	November 3, 1998	424	93.51

U.S. PATENT APPLICATIONS

Examiner's Initials:	Serial Number:	Applicant:	Publication Date:	Group:	Art Unit:

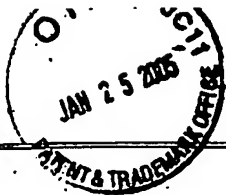
FOREIGN PATENT DOCUMENTS

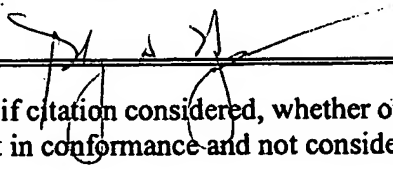
Examiner's Initials	Document No.	Country	Date	Translation	
				Yes	No
Pnk	*WO 99/38978	International	05 August 1999		
Pnk	*WO 98/23763	International	04 June 1998		

OTHER DOCUMENTS

Examiner's Initials	Citation (Including Author, Title, Date, Pertinent Pages, Etc.)
Pnk	*Banks, et al., "Chemistry and Pharmacology of Honey-Bee Venom", <i>Venoms of the Hymenoptera</i> , 329-416, 1986.
	*Eko, et al., "New Strategies for Combination Vaccines Based on the Extended Recombinant Bacterial Ghost System", <i>Vaccine</i> , 17: 1643-1649, 1999.
	*Gentshev, et al., "Development of Antigen-Delivery Systems, Based on the Escherichia Coli Hemolysin Secretion Pathway", <i>Gene</i> , 179: 133-140, 1996.
↓	*Hess, et al., "Superior Efficacy of Secreted Over Somatic Antigen Display in Recombinant Salmonella Vaccine Induced Protection Against Listeriosis", <i>Proc. Natl. Acad. Sci. USA</i> , 93: 1458-1463, 1996.

4/19/05



PTO-1449 (REV. 8-83) SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET: 2002834-0222	IN RE APPLICATION NO.: 10/728,051
		APPLICANT: Caplan	
		FILING DATE: December 4, 2003	GROUP: 1644
EXAMINER 		DATE CONSIDERED 4/19/05	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

3790794



PTO-1449 (REV. 8-83) SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET: 2002834-0222	IN RE APPLICATION NO.: 10/728,051
		APPLICANT: Caplan	
		FILING DATE: December 4, 2003	GROUP: 1644

U.S. PATENT DOCUMENTS

Examiner's Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass
Prt	*5,820,880	Alving et al.	October 13, 1998	424	450
	*5,759,572	Sugimoto et al.	June 2, 1998	424	450

U.S. PATENT APPLICATIONS

Examiner's Initials:	Serial Number:	Applicant:	Publication Date:	Group:	Art Unit:

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document No.	Country	Date	Translation	
				Yes	No

OTHER DOCUMENTS

Examiner's Initials	Citation (Including Author, Title, Date, Pertinent Pages, Etc.)
Prt	*Koppelman, et al., "Peanut Allergen Ara h 3: Isolation from peanuts and biochemical characterization", <i>Allergy</i> , 58: 1144-1151, 2003.
Prt	*Triozi, et al., "Effects of a β -Human Chorionic Gonadotropin Subunit Immunogen Administered in Aqueous Solution with a Novel Nonionic Block Copolymer Adjuvant in Patients with Advanced Cancer", <i>Clinical Cancer Research</i> , 3: 2355-2362, 1997.

EXAMINER	DATE CONSIDERED 4/19/05
----------	-------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



PTO-1449 (REV. 8-83) SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET: 2002834-0222	IN RE APPLICATION NO.: 10/728,051
		APPLICANT: Caplan	
		FILING DATE: December 4, 2003	GROUP: 1644

U.S. PATENT DOCUMENTS

Examiner's Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass

U.S. PATENT APPLICATIONS

Examiner's Initials:	Serial Number:	Applicant:	Publication Date:	Group:	Art Unit:

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document No.	Country	Date	Translation	
				Yes	No

OTHER DOCUMENTS

Examiner's Initials	Citation (Including Author, Title, Date, Pertinent Pages, Etc.)
Pwt ↓	*Amorim, et al., "Suppression of Airway Eosinophilia by Killed Mycobacterium Vaccae-Induced Allergen-Specific Regulatory T-Cells", <i>Nature Medicine</i> , 8(6): 625-629, 2002.
	*Asturias, et al., "Is Tropomyosin an Allergen in Anisakis?", <i>Allergy</i> , 55: 898-890, 2000.
	*Asturias, et al., "Cloning, Isolation, and IgE-Binding Properties of Helixaspersa (Brown Garden Snail) Tropomyosin", <i>Int. Arch Allergy Immunol.</i> 128: 90-96, 2002.
	*Asturias, et al., "Molecular Characterization of American Cockroach Tropomyosin (Periplaneta Americana Allergen 7), a Cross-Reactive Allergen", <i>The Journal of Immunology</i> , 162: 4342-4348, 1999.
	*Bannon, et al., "Engineering, Characterization and in Vitro Efficacy of the Major Peanut Allergens for Use in Immunotherapy", <i>Int. Arch. Allergy Immunol.</i> 124: 70-72, 2001.
↓	*Barderas, et al., "Identification and Characterization of Che a 1 Allergen from Chenopodium Album Pollen", <i>Int. Arch. Allergy Immunol.</i> 127: 47-54, 2002.

4/19/05



PTO-1449

(REV. 8-83)

U.S. Department of
Commerce
Patent and Trademark OfficeATTY. DOCKET:
2002834-0222IN RE
APPLICATION NO.:
10/728,051SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT: Caplan

FILING DATE:
December 4, 2003

GROUP: 1644

Part	*Barnes, P.J., "IL-10: A Key Regulator of Allergic Disease", <i>Clinical and Experimental Allergy</i> , 31: 667-669, 2001.
	*Bashir, et al., "An Enteric Helminth Infection Protects Against an Allergic Response to Dietary Antigen", <i>The Journal of Immunology</i> , 169: 3284-3292, 2002.
	*Batanero, et al., "Purification, Amino Acid Sequence and Immunological Characterization of Ole e 6, a Cysteine-Enriched Allergen from Olive Tree Pollen", <i>FEBS Letters</i> , 410: 293-296, 1997.
	*Beck, et al., "The Polyclonal and Antigen-Specific IgE and IgG Subclass Response of Mice Injected with Ovalbumin in Alum or Complete Freund's Adjuvant", <i>Cellular Immunology</i> , 123: 1-8, 1989.
	*Bissonnette, et al., "Inhibition of Mast Cell-Mediated Cytotoxicity by IFN- α/β and - γ^1 ", <i>The Journal of Immunology</i> , 145: 3385-3390, 1990.
	*Bock, et al., "The Natural History of Food Sensitivity", <i>J. Allergy Clin. Immunol.</i> 69: 173-177, 1982.
	*Bock, et al., "Fatalities Due to Anaphylactic Reactions to Foods", <i>J. Allergy Clin. Immunol.</i> 107: 191-193, 2001.
	*Brandtzaeg, et al., "Current Understanding of Gastrointestinal Immunoregulation and Its Relation to Food Allergy", <i>Ann. N.Y. Acad. Sci.</i> , 964: 13-45, 2002.
	*Burks, et al., "Modification of a Major Peanut Allergen Leads to Loss of IgE Binding", <i>Int. Arch. Allergy Immunol.</i> 118: 313-314, 1999.
	*Bush, et al., "Molecular Cloning of a Major <i>Alternaria Alternata</i> Allergen, rAlt a 2", <i>J. Allergy Clin. Immunol.</i> 104: 665-671, 1999.
	*Chang, et al., "Characterization of Enolase Allergen from <i>Rhodotorula Mucilaginosa</i> ", <i>J. Biomed. Sci.</i> 9: 645-655, 2002.
	*Dandeu, et al., "Hydrophobic Interaction Chromatography for Isolation and Purification of Equ.c1, the Horse Major Allergen", <i>Journal of Chromatography</i> , 621: 23-31, 1993.
✓	*De Jong, et al., "Identification and Partial Characterization of Multiple Major Allergens in Peanut Proteins", <i>Clinical and Experimental Allergy</i> , 28: 743-751, 1998.



PTO-1449	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET: 2002834-0222	IN RE APPLICATION NO.: 10/728,051
(REV. 8-83)		APPLICANT: Caplan	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		FILING DATE: December 4, 2003	GROUP: 1644
Prk	*Diaz-Perales, et al., "Lipid-Transfer Proteins as Potential Plant Panallergens: Cross-Reactivity Among Proteins of Artemisia Pollen, Castanea Nut and Rosaceae Fruits, with Different IgE-Binding Capacities", <i>Clinical and Experimental Allergy</i> , 30: 1403-1410, 2000.		
	*Diaz-Perales, et al., "Characterization of Asparagus Allergens: A Relevant Role of Lipid Transfer Proteins", <i>J. Allergy Clin. Immunol.</i> 110: 790-796, 2002.		
	*Dorion, et al., "The Production of Interferon- γ in Response to a Major Peanut Allergy, Ara h II, Correlates with Serum Levels of IgE Anti-Ara h II", <i>J. Allergy Clin. Immunol.</i> 93: 93-99, 1994.		
	*Durham, et al., "Immunologic Changes Associated with Allergen Immunotherapy", <i>The Journal of Allergy and Clinical Immunology</i> , 102(2): 157-164, 1998.		
	*Erb, et al., "Atopic Disorders: A Default Pathway in the Absence of Infection?", <i>Immunol. Today</i> , 20: 317-322, 1999.		
	*Eriksson, et al., "Cloning and Characterisation of a Group II Allergen from the Dust Mite Tyrophagus Putrescentiae", <i>Eur. J. Biochem.</i> 251: 443-447, 1998.		
	*Eriksson, et al., "Cloning of Three New Allergens from the Dust Mite Lepidoglyphus Destructor Using Phage Surface Display Technology", <i>Eur. J. Biochem.</i> 268: 287-294, 2001.		
	*Fahlbusch, et al., "Purification and Partial Characterization of the Major Allergen, Cav p 1, from Guinea Pig Cavia Porcellus", <i>Allergy</i> , 57: 417-422, 2002.		
	*Fiorentino, et al., "Two Types of Mouse T Helper Cell", <i>J. Exp. Med.</i> 170: 2081-2095, 1989.		
	*Francis, et al., "Induction of IL-10 ⁺ CD4 ⁺ CD25 ⁺ T Cells by Grass Pollen Immunotherapy", <i>J. Allergy Clin. Immunol.</i> 111: 1255-1261, 2003.		
	*Gafvelin, et al., "Cross-Reactivity Studies of a New Group 2 Allergen from the Dust Mite Glycyphagus Domesticus, Gly d 2, and Group 2 Allergens from Dermatophagoides Pteronyssinus, Lepidoglyphus Destructor, and Tyrophagus Putrescentiae with Recombinant Allergens", <i>J. Allergy Clin. Immunol.</i> 107: 511-518, 2001.		
✓	*Giuliani, et al., "Isolation and Purification of a Major Allergen from Parietaria Officinalis Pollen", <i>Allergy</i> , 42: 434-440, 1987.		

Prk

4/19/05

PTO-1449	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET: 2002834-0222	IN RE APPLICATION NO.: 10/728,051
(REV. 8-83)		APPLICANT: Caplan	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		FILING DATE: December 4, 2003	GROUP: 1644
Psk	*Hansen, et al., "Vaccination with Heat-Killed Listeria as Adjuvant Reverses Established Allergen-Induced Airway Hyperreactivity and Inflammation: Role of CD8 ⁺ T Cells and IL-18", <i>The Journal of Immunology</i> , 164: 223-230, 2000.		
	*Helm, et al., "Isolation and Characterization of a Clone Encoding a Major Allergen (Bla g Bd90K) Involved in IgE-Mediated Cockroach Hypersensitivity", <i>J. Allergy Clin. Immunol.</i> 98: 172-180, 1996.		
	*Hilger, et al., "Sequence of the Gene Encoding cat (Felis Domesticus) Serum Albumin", <i>Gene</i> , 169: 295-296, 1996.		
	*Himly, et al., "Art v 1, the Major Allergen of Mugwort Pollen, is a Modular Glycoprotein with a Defensin-Like and a Hydroxyproline-Rich Domain", <i>FASEB J.</i> , 17: 106-108, 2003.		
	*Hoffman, et al., "Occupational Allergy to Bumblebees: Allergens of Bombus Terrestris", <i>J. Allergy Clin. Immunol.</i> 108: 855-860, 2001.		
	*Hoffman, et al., "Allergens in Hymenoptera Venom XXVII: Bumblebee Venom Allergy and Allergens", <i>J. Allergy Clin. Immunol.</i> 97: 812-821, 1996.		
	*Hoffman, et al., "Allergens in Bee Venom, III. Identification of Allergen B of Bee Venom as an Acid Phosphatase", <i>J. Allergy Clin. Immunol.</i> 59(5): 364-366, 1977.		
	*Horiuti, et al., "Variable Expression of Pathogenesis-Related Protein Allergen in Mountain Cedar (Juniperus Ashei) Pollen", <i>The Journal of Immunology</i> , 164: 2188-2192, 2000.		
	*Horner, et al., "Identification of the Allergen Psi c 2 from the Basidiomycete Psilocybe Cubensis as a Fungal Cyclophilin". <i>Int. Arch Allergy Immunol.</i> 107: 298-300, 1995.		
	*Howard, et al., "Regulation of B-Cell Growth and Differentiation by Soluble Factors", <i>Ann. Rev. Immunol.</i> 1: 307-333, 1983.		
	*Hsu, et al., "Differential Effects of IL-4 and IL-4 and IL-10 on IL-2-Induced IFN-γ Synthesis and Lymphokine-Activated Killer Activity", <i>International Immunology</i> , 4(5): 563-569, 1992.		
	*Ichikawa, et al., "Molecular Cloning, Expression and Modelling of Cat Allergen, Cystatin (Fel d 3), A Cysteine Protease Inhibitor", <i>Clinical and Experimental Allergy</i> , 31: 1279-1286, 2001.		
↓	*Jankulovic, et al., "Isolation and Biochemical Characterization of a Thaumatin-Like Kiwi Allergen", <i>J. Allergy Clin. Immunol.</i> 110: 805-810, 2002.		

4/19/05

PTO-1449	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET: 2002834-0222	IN RE APPLICATION NO.: 10/728,051	
(REV. 8-83)		APPLICANT: Caplan		
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		FILING DATE: December 4, 2003	GROUP: 1644	
PSK	*Kalliomaki, et al., "Transforming Growth Factor- β in Breast Milk: A Potential Regular of Atopic Disease at an Early Age", <i>J. Allergy Clin. Immunol.</i> 104(6): 1251-1257, 1999.			
	*Kleine-Tebbe, et al., "Severe Oral Allergy Syndrome and Anaphylactic Reactions Caused by a Bet v 1-Related PR-10 Protein in Soybean, SAM22", <i>J. Allergy Clin. Immunol.</i> 110: 797-804, 2002.			
	*Kowalski, et al., "Mechanisms of Specific Immunotherapy of Allergic Diseases", <i>Allergy</i> , 53: 485-492, 1998.			
	*Ledesman, et al., "Cloning, Expression and Characterization of a Novel Four EF-Hand Ca^{2+} - Binding Protein from Olive Pollen with Allergenic Activity", <i>FEBS Letter</i> , 466: 192-196, 2000.			
	*Lee, et al., "Oral Administration of IL-12 Suppresses Anaphylactic Reactions in a Murine Model of Peanut Hypersensitivity", <i>Clinical Immunology</i> , 101(2): 220-228, 2001.			
	*Leung, et al., "Effect of Anti-IgE Therapy in Patients with Peanut Allergy", <i>N. Engl. J. Med.</i> 348: 986-993, 2003.			
	*Li, et al., "A Murine Model of Peanut Anaphylaxis: T- and B-Cell Responses to a Major Peanut Allergen Mimic Human Responses", <i>J. Allergy Clin. Immunol.</i> 106: 150-158, 2000.			
	*Li, et al., "Novel Approaches for the Treatment of Food Allergy", <i>Current Opinion in Allergy and Clinical Immunology</i> , 2: 273-278, 2002.			
	*Li, et al., "Engineered Recombinant Peanut Protein and Heat-Killed <i>Listeria Monocytogenes</i> Coadministration Protects Against Peanut-Induced Anaphylaxis in a Murine Model", <i>The Journal of Immunology</i> , 170: 3289-3295, 2003.			
	*Li, et al., "Strain-Dependent Induction of Allergic Sensitization Caused by Peanut Allergen DNA Immunization in Mice", <i>The Journal of Immunology</i> , 162: 3045-3052, 1999.			
	*Lombardero, et al., "cDNA Sequence Analysis of the Main Olive Allergen, Ole e I", <i>Clinical and Experimental Allergy</i> , 24: 765-770, 1994.			
✓	*Lopata, et al., "Characteristics of Hypersensitivity Reactions and Identification of a Unique 49 kd IgE-Binding Protein (Hal-m-1) in Abalone (<i>Haliotis Midiae</i>)", <i>J. Allergy Clin. Immunol.</i> 100: 642-648, 1997.			

PTO-1449 (REV. 8-83)	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET: 2002834-0222	IN RE APPLICATION NO.: 10/728,051
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT: Caplan FILING DATE: December 4, 2003 GROUP: 1644	
Pst	*Lorentz, et al., "Human Intestinal Mast Cells Produce IL-5 in Vitro Upon IgE Receptor Cross-Linking and In Vivo in the Course of Intestinal Inflammatory Disease" <i>Eur. J. Immunol.</i> 29: 1496-1503, 1999.		
	*Melen, et al., "Molecular Cloning of Per a 1 and Definition of the Cross-Reactive Group 1 Cockroach Allergens", <i>J. Allergy Clin. Immunol.</i> 103: 859-864, 1999.		
	*Moneo, et al., "Isolation and Characterization of Tha p 1, A Major Allergen from the Pine Processionary Caterpillar Thaumetopoea Pityocampa", <i>Allergy</i> , 58: 34-37, 2003.		
	*Moneo, et al., "Isolation and Characterization of a Major Allergen from the Fish Parasite Anisakis Simplex", <i>J. Allergy Clin. Immunol.</i> 106: 177-182, 2000.		
	*Monsalve, et al., "Detection, Isolation and Complete Amino Acid Sequence of an Aeroallergenic Protein from Rapeseed Flour", <i>Clinical and Experimental Allergy</i> , 27: 833-841, 1997.		
	*Morafo, et al., "Genetic Susceptibility to Food Allergy is Linked to Differential T_H^2 - T_H^1 Responses in C3H/HeJ and BALB/c Mice", <i>J. Allergy Clin. Immunol.</i> 111: 1122-1128, 2003.		
	*Mosmann, et al., "Th1 and Th2 Cells: Different Patterns of Lymphokine Secretion Lead to Different Functional Properties", <i>Ann. Rev. Immunol.</i> 7: 145-173, 1989.		
	*Mutius, et al., "The Environmental Predictors of Allergic Disease", <i>J. Allergy Clin. Immunol.</i> 105: 9-19, 2000.		
	*Onishi, et al., "Two-Dimensional Electrophoresis of Malassezia Allergens for Atopic Dermatitis and Isolation of Mal f 4 Homologs with Mitochondrial Malate Dehydrogenase", <i>Eur. J. Biochem.</i> 261: 148-154, 1999.		
	*Onizuka, et al., "Purification of the Major Allergen of Red Soft Coral (<i>Dendronephthya Nipponica</i>)", <i>Int. Arch. Allergy Immunol.</i> 125: 135-143, 2001.		
	*Oppenheimer, et al., "Treatment of Peanut Allergy with Rush Immunotherapy", <i>J. Allergy Clin. Immunol.</i> 90: 256-262, 1992.		
	*Paddock, et al., "Identification, Cloning, and Recombinant Expression of Procalin, a Major Triatomine Allergen", <i>The Journal of Immunology</i> , 167: 2694-2699, 2001.		
✓	*Palosuo, et al., "Wheat ω-5 Gliadin is a Major Allergen in Children with Immediate Allergy to Ingested Wheat", <i>J. Allergy Clin. Immunol.</i> 108: 634-638, 2001.		

PTO-1449	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET: 2002834-0222	IN RE APPLICATION NO.: 10/728,051	
(REV. 8-83)		APPLICANT: Caplan		
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		FILING DATE: December 4, 2003	GROUP: 1644	
	*Pastorello, et al., "The Major Allergen of Sesame Seeds (<i>Sesamum Indicum</i>) is a 2S Albumin", <i>Journal of Chromatography B</i> , 756: 85-93, 2001.			
	*Pastorello, et al., "Allergenic Cross-Reactivity Among Peach, Apricot, Plum, and Cherry in Patients with Oral Allergy Syndrome: An In Vivo and in Vitro Study", <i>J. Allergy Clin. Immunol.</i> 94: 699-707, 1994.			
	*Pierkes, et al., "Decreased Release of Histamine and Sulfidoleukotrienes by Human Peripheral Blood Leukocytes After Wasp Venom Immunotherapy is Partially Due to Induction of IL-10 and IFN- γ Production of T Cells", <i>J. Allergy Clin. Immunol.</i> 103: 326-332, 1999.			
	*Pomes, et al., "Novel Allergen Structures with Tandem Amino Acid Repeats Derived from German and American Cockroach", <i>The Journal of Biological Chemistry</i> , 273(46): 30801-30807, 1998.			
	*Ramos, et al., "cDNA Cloning and Expression of Blo t 11, the <i>Blomia Tropicalis</i> Allergen Homologous to Paramyosin", <i>Int. Arch. Allergy Immunol.</i> 126: 286-293, 2001.			
	*Rasool, et al., "Cloning, Characterization and Expression of Complete Coding Sequences of Three IgE Binding <i>Malassezia Furfur</i> Allergens, Mal f 7, Mal f 8 and Mal f 9", <i>Eur. J. Biochem.</i> 267: 4355-4361, 2000.			
	*Romagnani, et al., "The Role of Lymphocytes in Allergic Disease", <i>J. Allergy Clin. Immunol.</i> 105: 399-408, 2000.			
	*Rook, et al., "Give us this Day our Daily Germs", <i>Immunology Today</i> , 19: 113-116, 1998.			
	*Saarinen, et al., "Transforming Growth Factor- β 1 in Mothers' Colostrum and Immune Responses to Cows' Milk Proteins in Infants with Cows' Milk Allergy", <i>J. Allergy Clin. Immunol.</i> 104: 1093-1098, 1999.			
	*Saarne, et al., "Cloning and Characterisation of Two IgE-Binding Proteins, Homologous to Tropomyosin and α -Tubulin, from the Mite <i>Lepidoglyphus Destructor</i> ", <i>Int. Arch Allergy Immunol.</i> 130: 258-265, 2003.			
	*Sampson, et al., "Fatal and Near-Fatal Anaphylactic Reactions to Food in Children and Adolescents", <i>N. Engl. J. Med.</i> 327: 380-384, 1992.			
	*Sampson, Hugh., "Food Allergy. Part 1: Immunopathogenesis and Clinical Disorders", <i>The Journal of Allergy and Clinical Immunology</i> , 103(5): 717-728, 1999.			

4/19/05

PTO-1449 (REV. 8-83)	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET: 2002834-0222	IN RE APPLICATION NO.: 10/728,051
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT: Caplan	
		FILING DATE: December 4, 2003	GROUP: 1644

Pst	*Sanchez-Monge, et al., "Isolation and Characterization of Relevant Allergens from Boiled Lentils", <i>J. Allergy Clin. Immunol.</i> 106: 955-961, 2000.
	*Santos, et al., "Cockroach Allergens and Asthma in Brazil: Identification of Tropomyosin as a Major Allergen with Potential Cross-Reactivity with Mite and Shrimp Allergens", <i>J. Allergy Clin. Immunol.</i> 104: 329-337, 1999.
	*Saxena, et al., "cDNA Cloning, Expression and Characterization of an Allergenic L3 Ribosomal Protein of Aspergillus Fumigatus" <i>Clin. Exp. Immunol.</i> 134: 86-91, 2003.
	*Schade, et al., "Differences In Antigen-Specific T-Cell Responses Between Infants with Atopic Dermatitis with and without Cow's Milk Allergy: Relevance of T _H 2 Cytokines", <i>J. Allergy Clin. Immunol.</i> 106: 1155-1162, 2000.
	*Shen, et al., "Characterization of Allergens from Penicillium Oxalicum and P. Notatum by Immunoblotting and N-Terminal Amino Acid Sequence Analysis", <i>Clinical and Experimental Allergy</i> , 29: 642-651, 1999.
	*Shen, et al., "Molecular Cloning and Immunological Characterization of the House Dues Mite Allergen Der f 7", <i>Clinical and Experimental Allergy</i> , 25: 1000-1006, 1995.
	*Sicherer, et al., "Prevalence of Peanut and Tree Nut Allergy in the US Determined by a Random Digit Dial Telephone Survey", <i>J. Allergy Clin. Immunol.</i> 103: 559-562, 1999.
	*Smith, et al., "Sequence Polymorphisms and Antibody Binding to the Group 2 Dust Mite Allergens", <i>Int. Arch. Allergy Immunol.</i> 124: 61-63, 2001.
	*Smith, et al., "The Molecular Basis of Antigenic Cross-Reactivity Between the Group 2 Mite Allergens", <i>J. Allergy Clin Immunol.</i> 107: 977-984, 2001.
	*Snapper, et al., "Interferon- γ and B Cell Stimulatory Factor-1 Reciprocally Regulate Ig Isotype Production", <i>Science</i> , 236: 944-947, 1987.
	*Sommergruber, et al., "Molecular Characterization of Dau c 1, the Bet v 1 Homologous Protein from Carrot and its Cross-Reactivity with Bet v 1 and Api g 1", <i>Clinical and Experimental Allergy</i> , 29: 840-847, 1999.
✓	*Stanley, et al., "Identification and Mutational Analysis of the Immunodominant IgE Binding Epitopes of the Major Peanut Allergen Ara h 2", <i>Archives of Biochemistry and Biophysics</i> , 342(2): 244-253, 1997.

PTO-1449 (REV. 8-83)	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET: 2002834-0222	IN RE APPLICATION NO.: 10/728,051
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT: Caplan	
		FILING DATE: December 4, 2003	GROUP: 1644

Pult	*Strobel, et al., "Immune Responses to Dietary Antigens: Oral Tolerance", <i>Immunology Today</i> , 19: 173-181, 1998.
	*Strobel, et al., "Oral Tolerance, Systemic Immunoregulation, and Autoimmunity" <i>Ann. N.Y. Acad. Sci.</i> 958: 47-58, 2002.
	*Tejera, et al., "Identification, Isolation, and Characterization of Ole e 7, a New Allergen of Olive Tree Pollen", <i>J. Allergy Clin Immunol</i> , 104: 797-802, 1999.
	*Tinghino, et al., "Molecular Characterization of a Cross-Reactive Juniperus Oxycedrus Pollen Allergen, Jun o 2: A Novel Calcium-Binding Allergen", <i>J. Allergy Clin Immunol</i> , 101: 772-777, 1998.
	*Tsai, et al., "Sequence Analysis and Expression of a cDNA Clone Encoding a 98-kDa Allergen in Dermatophagoides Farinae", <i>Clinical and Experimental Allergy</i> , 29: 1606-1613, 1999.
	*Turcanu, et al., "Characterization of Lymphocyte Responses to Peanuts in Normal Children, Peanut-Allergic Children, and Allergic Children who Acquired Tolerance to Peanuts", <i>The Journal of Clinical Investigation</i> , 111(7): 1065-1072, 2003.
	*Weiner, et al., "Oral Tolerance: Immune Mechanisms and Treatment of Autoimmune Diseases", <i>Immunology Today</i> , 18: 335-343, 1997.
	*Wopfner, et al., "Molecular and Immunological Characterization of Profilin from Mugwort Pollen", <i>Biol. Chem.</i> 383: 1779-1789, 2002.
	*Wu, et al., "Sequencing Analysis of cDNA Clones Encoding the American Cockroach Cr-PI Allergens", <i>The Journal of Biological Chemistry</i> , 271(30): 17937-17943, 1996.
	*Wu, et al., "Cloning of the American Cockroach Cr-P II Allergens: Evidence for the Existence of Cross-Reactive Allergens Between Species", <i>J. Allergy Clin. Immunol</i> , 101: 832-840, 1998.
	*Wu, et al., "Sequencing and Immunochemical Characterization of the American Cockroach Per a 3 (Cr-PI) Isoallergenic Variants", <i>Molecular Immunology</i> , 34(1): 1-8, 1997.
	*Xu, et al., "Cloning, Expression and Immunological Characterization of Ory s 1, the Major Allergen of Rice Pollen", <i>Gene</i> , 164: 255-259, 1995.
✓	*Yasueda, et al., "Identification and Cloning of Two Novel Allergens from the Lipophilic Yeast, Malassezia Furfur", <i>Biochemical and Biophysical Research Communications</i> , 248: 240-

4/19/05

PTO-1449 (REV. 8-83)	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET: 2002834-0222	IN RE APPLICATION NO.: 10/728,051
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		APPLICANT: Caplan	
		FILING DATE: December 4, 2003	GROUP: 1644

	244, 1998.
Part	*Yeung, et al., "Heat-Killed <i>Listeria Monocytogenes</i> as an Adjuvant Converts Established Murine Th2-Dominated Immune Responses into Th1-Dominated Responses", <i>The Journal of Immunology</i> , 161: 4146-4152, 1998.
	*Yi, et al., "Identification of Shared and Unique Immunoglobulin E Epitopes of the Highly Conserved Tropomyosins in <i>Blomia Tropicalis</i> and <i>Dermatophagoides Pteronyssinus</i> ", <i>Clin. Exp. Allergy</i> , 32: 1203-1210, 2002.
	*Yocum, et al., "Epidemiology of Anaphylaxis in Olmsted County: A Population-Based Study", <i>J. Allergy Clin. Immunol.</i> 104: 452-456, 1999.
	*Yokoyama, et al., "Purification, Identification, and cDNA Cloning of Jun a 2, the Second Major Allergen of Mountain Cedar Pollen", <i>Biochemical and Biophysical Research Communications</i> , 275: 195-202, 2000.
↓	*Yu, et al., "Proteomics and Immunological Analysis of a Novel Shrimp Allergen, Pen M 2", <i>The Journal of Immunology</i> , 170: 445-453, 2003.

EXAMINER <div style="text-align: center; margin-top: 10px;"> </div>	DATE CONSIDERED <div style="text-align: center; margin-top: 10px;"> </div>
--	---

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

3759382



PTO-1449 (REV. 8-83) SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET: 2002834-0222	IN RE APPLICATION NO.: 10/728,051
		APPLICANT: Caplan, et al.	
		FILING DATE: December 4, 2003	GROUP:

U.S. PATENT DOCUMENTS

Examiner's Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass

U.S. PATENT APPLICATIONS

Examiner's Initials:	Serial Number:	Applicant:	Publication Date:	Group:	Art Unit:

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document No.	Country	Date	Translation	
				Yes	No
P _{nt}	EP 0 080 806	Europe	08 June 1983		
↓	WO 98/44096	PCT	08 October 1998		
↓	WO 96/14876	PCT	23 May 1996		

OTHER DOCUMENTS

Examiner's Initials	Citation (Including Author, Title, Date, Pertinent Pages, Etc.)
P _{nt}	Hansen, "Vaccination with Heat Killed <i>Listeria</i> as Adjuvant Reverses Established Allergen-Induced Airway Hyperreactivity and Inflammation: Role of CD8 ⁺ T Cells and IL-18", <i>The Journal of Immunology</i> , 164: 223-230, 2000.
P _{nt}	Mekalanos, "Bacterial Mucosal Vaccines" in Genetically Engineered Vaccines, Edited by Ciardi et al., Plenum Press, Pages 43-50, 1992.

EXAMINER	DATE CONSIDERED 6/19/05
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



PTO-1449 (REV. 8-83) SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET: 2002834-0222	IN RE APPLICATION NO.: 10/728,051
		APPLICANT: Caplan, et al.	
		FILING DATE: December 4, 2003	GROUP: 1644

U.S. PATENT DOCUMENTS

Examiner's Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass
Palk	6,218,371	Krieg et al.	April 17, 2001	514	44
	5,061,790	Elting et al.	October 29, 1991	530	402
	4,959,314	Mark et al.	September 25, 1990	435	69.1
	4,849,404	Iwai et al.	July 18, 1989	514	2
	4,658,022	Knowles et al.	April 14, 1987	530	402

U.S. PATENT APPLICATIONS

Examiner's Initials:	Serial Number:	Applicant:	Publication Date:	Group:	Art Unit:

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document No.	Country	Date	Translation	
				Yes	No

OTHER DOCUMENTS

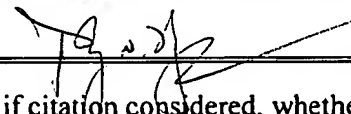
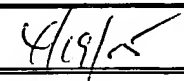
Examiner's Initials	Citation (Including Author, Title, Date, Pertinent Pages, Etc.)
Palk	Del Val, et al., "Thioredoxin Treatment Increases Digestibility and Lowers Allergenicity of Milk", <i>J. Allergy Clin. Immunol.</i> 103(4): 690-697, 1999.
	Hoyne, et al., "Peptide-Mediated Regulation of the Allergic Immune Response", <i>Immunol. Cell Biol.</i> 74(2): 180-186, 1996.
	Vailes, et al., "Fine Specificity of B-Cell Epitopes on Felis Domesticus Allergen I (Fel d I): Effect of Reduction and Alkylation or Deglycosylation of Fel d I Structure and Antibody Binding", <i>J. Allergy Clin. Immunol.</i> 93(1): 22-33, 1994.
	Burns, et al., "Selective Reduction of Disulfides by Tris (2-Carboxyethyl) Phosphine", <i>J. Org. Chem.</i> 56(8): 2648-2650, 1991.
	Gray, et al., "Echistatin Disulfide Bridges: Selective Reduction and Linkage Assignment", <i>The Protein Society</i> , 1749-1755, 1993.



PTO 1449 (REV. 8-83)		U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET: 2002834-0222	IN RE APPLICATION NO.: 10/728,051
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			APPLICANT: Caplan, et al.	
			FILING DATE: December 4, 2003	GROUP: 1644
Examiner's Initials	Citation (Including Author, Title, Date, Pertinent Pages, Etc.)			
Psk	Ichikawa, et al., "Solution Structure of Der f 2, the Major Mite Allergen for Atopic Disease", <i>J. Mol. Chem.</i> , 273: 356-360, 1998.			
	Medaglini, et al., "Mucosal and Systemic Immune Responses to a Recombinant Protein Expressed on the Surface of the Oral Commensal Bacterium <i>Streptococcus Gordonii</i> After Oral Colonization", <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 92(15): 6868-6872, 1995.			
	Nishiyama, et al., "Analysis of the IgE-epitope of Der f 2, a Major Mite Allergen, by in vitro Mutagenesis", <i>Mol. Immunol.</i> , 32: 1021-1029, 1995.			
	Nishiyama, et al., "Effects of Amino Acid Variations in Recombinant Der f II on its Human IgE and Mouse IgG Recognition", <i>Int. Arch. Allergy Immunol.</i> , 105: 62-69, 1994.			
	Takai, et al., "Effect of Proline Mutations in the Major House Dust Mite Allergen Der f 2 on IgE-binding and Histamine-releasing Activity", <i>Eur. J. Biochem.</i> , 267: 6650-6656, 2000.			
	Takai, et al., "Non-anaphylactic Combination of Partially Deleted Fragments of the Major House Dust Mite Allergen Der f 2 for Allergen-specific Immunotherapy", <i>Mol. Immunol.</i> , 36: 1055-1065, 1999.			
	Takai, et al., "Determination of the N- and C-terminal Sequences to Bind Human IgE of the Major House Dust Mite Allergen Der f 2 and Epitope Mapping for Monoclonal Antibodies", <i>Mol. Immunol.</i> , 34: 255-261, 1997.			
	Takai, et al., "Engineering of the Major House Dust Mite Allergen Der f 2 for Allergen-specific Immunotherapy", <i>Nat. Biotechnol.</i> , 15: 754-758, 1997.			
	Vrtala, et al., "Humoral Immune Responses to Recombinant Tree Pollen Allergens (Bet v I and Bet v II) in Mice: Construction of a Live Oral Allergy Vaccine", <i>International Archives of Allergy and Immunology</i> , 107: (1-3): 290-294, 1995.			
✓	EMBL Accession No. L77197 (March 1996)			
EXAMINER			DATE CONSIDERED 4/19/05	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.				

PTC 3449A (REV. 8-83)		U.S. Department of Commerce Patent and Trademark Office		ATTY. DOCKET: 2002834-0222		IN RE APPLICATION NO.: 10/728,051	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				APPLICANT: Caplan, et al.		GROUP: 1644	
				FILING DATE: December 4, 2003			

U.S. PATENT DOCUMENTS					
Examiner's Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass
Pult ↓	5,888,799	Curtiss III	March 30, 1999		/
	5,830,463	Duke, et al.	November 3, 1998		
	5,389,368	Gurtiss III	February 14, 1995		
U.S. PATENT APPLICATIONS					
Examiner's Initials:	Serial Number:	Applicant:	Publication Date:	Group:	Art Unit:
FOREIGN PATENT DOCUMENTS					
Examiner's Initials	Document No.	Country	Date	Translation	
				Yes	No
Pult ↓	CA 2 158 047	Canada	15 September 1994		/
	CA 2 157 596	Canada	29 September 1994		
	JP 07095887	Japan	11 April 1995		
	JP 06253851	Japan	13 September 1994		
	WO 00/54803	PCT	21 September 2000		
	WO 99/25387	PCT	27 May 1999		
↓	WO 94/20614	PCT	15 September 1994		
OTHER DOCUMENTS					
Examiner's Initials	Citation (Including Author, Title, Date, Pertinent Pages, Etc.)				
Pult ↓	Burks, et al., "Epitope Specificity of the Major Peanut Allergen, Ara h II", <i>J. Allergy Clin. Immunol.</i> 95: 607-611, 1995.				
	Gayler, et al., "Biosynthesis, cDNA and Amino Acid Sequences of a Precursor of Conglutin δ, A Sulphur-Rich Protein from Lupinus Angustifolius", <i>Plant Molecular Biology</i> , 15: 879-893, 1990.				

PTO-1449 (REV. 8-83)		U.S. Department of Commerce Patent and Trademark Office		ATTY. DOCKET: 2002834-0222		IN RE APPLICATION NO.: 10/728,051	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT: Caplan, et al.			
				FILING DATE: December 4, 2003		GROUP: 1644	
Examiner's Initials		Citation (Including Author, Title, Date, Pertinent Pages, Etc.)					
Dnt		Gray, et al., "Disulfide Structures of Highly Bridged Peptides: A New Strategy for Analysis", <i>The Protein Society</i> , 1732-1748, 1993.					
		Herbert, et al., "Reduction and Alkylation of Proteins in Preparation of Two-Dimensional Map Analysis: Why, When, and How?" <i>Electrophoresis</i> , 22: 2046-2057, 2001.					
		Nakamura, et al., "Mass Spectrometric-Based Revision of the Structure of a Cysteine-Rich Peptide Toxin with Gamma-Carboxyglutamic Acid, TxVIIA, from the Sea Snail, Conus Textile", <i>Protein Science</i> , 5(3): 524-530, 1996.					
		Olsson, et al., "Contribution of Disulphide Bonds to Antigenicity of Lep d 2, the Major Allergen of the Dust Mite <i>Lepidoglyphus Destructor</i> ", <i>Molecular Immunology</i> , 35: 1017-1023, 1998.					
		Smith, et al., "Localization of Antigenic Sites on Der p 2 Using Oligonucleotide-Directed Mutagenesis Targeted to Predicted Surface Residues", <i>Clinical and Experimental Allergy</i> , 27: 593-599, 1997.					
		Smith, et al., "Recombinant Allergens for Immunotherapy: A Der p 2 Variant with Reduced IgE Reactivity Retains T-Cell Epitopes", <i>J. Allergy Clin. Immunol.</i> 101(3): 423-425, 1998.					
		Smith, et al., "Reduction in IgE Binding to Allergen Variants Generated by Site-Directed Mutagenesis: Contribution of Disulfide Bonds to the Antigenic Structure of the Major House Dust Mite Allergen Der p 2", <i>Molecular Immunology</i> , 33(4/5): 399-405, 1996.					
		Watson, et al., "Trapping and Identification of Folding Intermediates of Disulfide Bond-Forming Proteins Based on Cyanylation, Cleavage, and Analysis by Mass Spectrometry", http://www.abrf.org/JBT/Articles/JBT0014/JBT0014.html ." Pages 1-12.					
		Wu, et al., "A Novel Methodology for Assignment of Disulfide Bond Pairing in Proteins", <i>Protein Science</i> , 6(2): 391-398, 1997.					
		Zhou, et al., "Assignment of Disulfide Bonds in Proteins by Partial Acid Hydrolysis and Mass Spectrometry", <i>Journal of Protein Chemistry</i> , 9(5): 523-532, 1990.					
EXAMINER				DATE CONSIDERED			
							
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO-1449 U.S. Department of Commerce (REV. 8-83) Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Atty. Docket: 2002834-0222	In re Application No.: NYA
	Applicants: Caplan, <i>et al.</i>	
	Filing Date: December 4, 2003	Group: NYA 1644

ISSUED U. S. PATENTS

Examiners Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass
CPH	*3,645,852	Axen, et al.	February 29, 1972	195	68
	*3,720,760	Bennich et al.	February 7, 1984	436	51.3
	*4,171,299	Hamburger	October 16, 1979	260	112.5
	*4,338,297	Michael et al.	July 6, 1982	424	91
	*4,469,677	Michael et al.	September 4, 1984	424	91
	*4,535,010	Axen et al.	August 13, 1985	427	246
	*4,579,840	Hahn et al.	April 1, 1986	514	14
	*4,659,678	Forrest et al.	April 21, 1987	436	512
	*4,696,915	Horecker	September 29, 1987		
	*4,816,449	Hahn et al.	March 28, 1989	514	17
	*4,849,337	Calenoff et al.	July 18, 1989	435	7
	*4,900,556	Wheatley, et al.	February 13, 1990	424	450
	*5,026,545	Saint-Remy et al.	June 25, 1991		
	*5,049,390	Wojdani	September 17, 1991	424	450
	*5,091,318	Anawis et al.	February 25, 1992	436	513
	*5,169,933	Anderson et al.	December 8, 1992	531	391.3
	*5,314,991	Oka et al.	May 24, 1994	530	350
	*5,449,669	Metcalf et al.	September 12, 1995	514	13
	*5,480,972	Avjioglu et al.	January 2, 1996	530	379
	*5,486,452	Gordon et al.	January 23, 1996	435	5
	*5,496,554	Oka et al.	March 5, 1996	424	276.1
	*5,543,144	Chang	August 6, 1996	424	133.1
	*5,547,669	Rogers et al.	August 20, 1996	424	183.1
	*5,558,869	Burks, Jr. et al.	September 24, 1996	424	276.1
	*5,583,046	Valenta et al.	December 10, 1996	435	320.1
	*5,591,433	Michael et al.	January 7, 1997	424	184.1
	*5,597,895	Gaynor et al.	January 28, 1997	530	324
	*5,616,559	Androphy et al.	April 1, 1997	514	12
	*5,625,039	Washida et al.	April 29, 1997	530	388.25
	*5,637,454	Harley	June 10, 1997	435	5
	*5,648,242	Valenta et al.	July 15, 1997	435	69.3
	*5,652,122	Frankel et al.	July 29, 1997	435	69.7

ISSUED U. S. PATENTS (Cont.)

Examiners Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass
P.K.T.	*5,667,965	Androphy et al.	September 16, 1997	435	5
	*5,670,617	Frankel et al.	September 23, 1997	530	300
	*5,674,980	Frankel et al.	October 7, 1997	530	350
	*5,693,495	Breiteneder et al.	December 2, 1997	435	69.3
	*5,710,126	Griffith et al.	January 20, 1998	514	12
	*5,731,157	Miller et al.	March 24, 1998	435	7.4
	*5,736,149	Avjioglu et al.	April 7, 1998	424	275.1
	*5,747,641	Frankel et al.	May 5, 1998	530	300
	*5,773,003	Swain et al.	June 30, 1998	424	193.1
	*5,786,466	Breiteneder et al.	July 28, 1998	536	23.6
	*5,804,604	Frankel et al.	September 8, 1998	530	324
	*5,807,746	Lin et al.	September 15, 1998	435	375
	*5,820,862	Garman et al.	October 13, 1998	424	184.1
	*5,837,550	Breitenbach et al.	November 17, 1998	436	513
	*5,843,672	Morgenstern et al.,	December 1, 1998	435	7.1
	*5,843,710	Cobon et al.	December 1, 1998	435	69.1
	*5,869,040	Oin	February 9, 1999	424	93.21
	*5,888,762	Joliot et al.	March 30, 1999	435	69.1
	*5,891,716	Morgenstern et al.,	April 6, 1999	435	325
	*5,891,432	Hoo	April 6, 1999	424	93.21
	*5,939,283	Morgenstern et al.,	August 17, 1999	435	69.1
	*5,973,121	Burks, Jr., et al.	October 26, 1999	530	370
	*5,989,814	Frankel et al.	November 23, 1999	435	6
	*5,998,583	Korsmeyer	December 7, 1999	530	350
	*6,008,340	Ball et al.	December 28, 1999	536	23.6
✓	*6,060,082	Chen et al.	May 9, 2000	424	450

U.S. PATENT APPLICATIONS

Examiner's Initials	Serial Number	Applicant	Filing Date	Class	Subclass
P.K.T.	*07/998,377		December 30, 1992		
	*08/158,704		November 29, 1993		
	*08/610,424		March 4, 1996		
	*09/015,657		January 28, 1999		
	*09/336,463		June 18, 1999		
	*60/009,455		December 29, 1995		
	*08/610,424		March 4, 1996		
	*08/717,933		September 23, 1996		
	*09/106,872		June 29, 1998		
✓	*60/077,763		March 13, 1998		

U.S. PATENT APPLICATIONS (Cont.)

Examiner's Initials	Serial Number	Applicant	Filing Date	Class	Subclass
P.K.	*09/267,719		March 11, 1999		
	*60/073,283		January 31, 1998		
	*60/074,690		February 13, 1998		
	*60/074,624		February 13, 1998		
	*60/074,633		February 13, 1998		
	*09/241,101		January 29, 1999		
	*09/248,673		February 11, 1999		
	*09/248,674		February 11, 1999		
	*60/073,171		January 30, 1998		
	*09/238,448		January 28, 1999		
	*09/090,375		June 4, 1998		
	*09/141,220		August 27, 1998		
	*09/478,668		January 6, 2000		
	*09/240,557		January 29, 1999		
	*60/122,450		March 2, 1999		
	*60/112,452		March 2, 1999		
	*60/122,560		March 2, 1999		
	*60/122,565		March 2, 1999		
	*60/122,566		March 2, 1999		
	*09/494,096		January 28, 2000		
	*60/090,390		June 23, 1998		
	*09/339,068		June 23, 1999		
	*09/216,117		December 18, 1998		
	*09/247,406		February 10, 1999		
	*09/218,345		December 22, 1998		
	*09/470,293		December 22, 1999		
	*60/124,595		March 16, 1999		
	*60/125,071		March 17, 1999		
	*60/169,330		December 6, 1999		
	*09/455,294		December 6, 1999		
	*60/105,806		October 27, 1999		
✓	*60/122,960		March 3, 1999		

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document No.	Country	Date	Translation	
				Yes	No
P.K.	*JP 072 85875	Japan	19 April 1994		
	*EP 0684812	Europe	21 January 1998		
	*EP 0877033	Europe	11 November 1998		
	*WO 90/04025	International	19 April 1990		
✓	*WO 91/06571	International			

FOREIGN PATENT DOCUMENTS (Cont.)

Examiner's Initials	Document No.	Country	Date	Translation
P.K.	*WO 91/11718	International	8 August 1991	
	*WO 92/02621	International	20 February 1992	
	*WO 92/03551	International	5 March 1992	
	*WO 92/11859	International	23 July 1992	
	*WO 93/21223	International	28 October 1993	
	*WO 94/23035	International	13 October 1994	
	*WO 94/05303	International	17 March 1994	
	*WO 94/10194	International	11 May 1994	
	*WO 94/24281	International		
	*WO 95/07933	International	23 March 1995	
	*WO 95/34578	International	21 December 1995	
	*WO 96/36880	International	21 November 1996	
	*WO 97/05265	International	13 February 1997	
	*WO 97/24139	International	10 July 1997	
	*WO 98/43657	International	10 August 1998	
	*WO 98/39029	International	11 September 1998	
	*WO 98/32866	International	30 July 1998	
	*WO 99/34826	International	15 July 1999	
	*WO 99/38978	International	8 May 1999	
	*WO 99/16467	International	8 April 1999	
	*WO 99/49879	International	7 October 1999	
	*WO 99/38978	International	5 August 1999	
✓	*WO 01/36621	International	25 May 2001	
Examiner's Initials	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
P.K.	*AAS, et al., "Physico-Chemical Properties and Specific Activity of a Purified Allergen (Codfish)", <i>Dev. Biol. Stand.</i> 29: 90-98, 1975.			
	*Aki, et al., "Immunochemical Characterization of Recombinant and Native Tropomyosins as a New Allergen from the House Dust Mite, <i>Dermatophagoides Farinae</i> ", <i>J. Allergy Clin. Immunol.</i> , 96:74-83, 1995.			
	*Alenius, et al., "Prohevein from the Rubber Tree (<i>Hevea Brasiliensis</i>) is a Major Latex Allergen," <i>Clin. Exp. Allergy</i> , 25(7): 659-665, 1995.			
	*Alenius, et al., "The Main IgE-Binding Epitope of a Major Latex Allergen, Prohevein, is Present in its N-Terminal 43-Amino Acid Fragment, Hevein" <i>J. Immunol.</i> 156(4): 1618-1625, 1996.			
	*Alenius, et al., "IgE Reactivity to 14-kD and 27-kD Natural Rubber Proteins in Latex-Allergic Children with Spina Bifida and Other Congenital Anomalies", <i>Int. Arch. Allergy Immunol.</i> , 102:61-66, 1993.			
✓	*Ansari, et al., "An Investigation of Human Response to Perennial Ryegrass", <i>J. Allergy Clin. Immunol.</i> 80: 229-235, 1987.			

Examiner's Initials	OTHER DOCUMENTS (Cont.) (Including Author, Title, Date, Pertinent Pages, Etc.)
Puk	*Ansari, et al., "Complete Amino Acid Sequence of a Lolium Perenne (Perennial Rye Grass) Pollen Allergen, Lol p II" <i>J. Biol. Chem.</i> , 264:11181-11185, 1989.
	*Ansair, et al., "Complete Primary Structure of a Lolium Perenne (Perennial Rye Grass) Pollen Allergen, Lol p III: Comparison with Known Lol P I and II Sequences", <i>Biochemistry</i> , 28:8665-8670, 1989.
	*Apold, et al., "The Allergenic Structure of Allergen M from Cod. III. Studies on the Antigenic of Long-Sequence Peptides", <i>Int Arch Allergy Appl Immunol.</i> 58(3): 337-43, 1979.
	*Arruda, et al., "Molecular Cloning of a Major Cockroach (Blattella Germanica) Allergen, Bla g 2", <i>J. Biol. Chem.</i> , 270:19563-19568, 1995.
	*Arruda, et al., "Cloning of Cockroach Allergen, Bla g 4, Identifies Ligand Binding Proteins (or Calycins) as a Cause of IgE Antibody Responses" <i>J. Biol. Chem.</i> 270: 31196-31201, 1995.
	*Arruda, et al., "Molecular Cloning of German Cockroach (Blattella Germanica) Allergens", <i>Int. Arch Allergy Immunol.</i> , 107:295-297, 1995.
	*Asturias, et al., "Cloning and High Level Expression of Cynodon Dactylon (Bermuda Grass) Pollen Profilin (Cyn d 12) in Escherichia Coli: Purification and Characterization of the Allergen" <i>Clin. Exp. Allergy</i> , 27:1307-1313, 1997.
	*Asturias, et al., "Cloning and Expression of the Panallergen Profilin and the Major Allergen (Ole e 1) from Olive Tree Pollen", <i>J. Allergy Clin Immunol</i> 100:365-372, 1997.
	*Attanayaka, et al., "Molecular Cloning and Nucleotide Sequencing of the Rubber Elongation Factor Gene from Hevea Brasiliensis", <i>Plant Mol. Biol.</i> , 16:1079-1081, 1991.
	*Aukrust, L., "Purification of Allergens in Cladosporium Herbarum", <i>Allergy</i> , 35: 206-207, 1980.
	*Aukrust, et al., "Partial Purification and Characterization of Two Cladosporium Herbarum Allergens", <i>Int Arch Allergy Appl Immunol.</i> , 60:68-79, 1979.
	*Avjioglu, et al., "Sequence Analysis of Sor H I, The Group I Allergen of Johnson Grass Pollen and Its Comparison to Rye-Grass Lol P I" <i>J. Allergy Clin. Immunol.</i> 91:340.
	*BSAC Working Party, "Position Paper on Allergen Immunotherapy," <i>Clin. Exp. Allergy</i> , 23: 1-44 (1993).
	*Ball, et al., "A Major Continuous Allergenic Epitope of Bovine Beta-Lactoglobulin Recognized by Human IgE Binding", <i>Clin. Exp. Allergy</i> , 24: 758-764, 1994.
	*Bannon, et al., "Tertiary Structure and Biophysical Properties of a Major Peanut Allergen, Implications for the Production of a Hypoallergenic Protein", <i>Int. Arch Allergy Immunol.</i> 118(2-4), 315-6, February-April, 1999.
	*Bannon, et al., "Ara h 3, A Peanut Allergen Identified by Using Peanut Sensitive Patient Sera Adsorbed with Soy Proteins" Abstract.
	*Barnett, et al., "Multiplicity of Allergens in Peanuts," <i>J. Allergy Clin. Immunol.</i> , 72: 61-8, 1983.
	*Barnett, et al., "Partial Characterization of an Allergenic Glycoproteins from Peanut", <i>Biochimica et Biophysica Acta</i> 882: 97-105, 1986.
✓	*Batanero, et al., "Ole e 3, an Olive-Tree Allergen, Belongs to a Widespread Family of Pollen Proteins" <i>Eur. J. Biochem.</i> , 241:772-778, 1996.

Examiner's Initials	OTHER DOCUMENTS (Cont.) (Including Author, Title, Date, Pertinent Pages, Etc.)
Pult	*Bauer, et al., "Modulation of the Allergic Immune Response in BALB/c Mice by Subcutaneous Injection of High Doses of the Dominant T Cell Epitope from the Major Birch Pollen Allergen Bet v 1", <i>Clin Exp Immunol</i> , 107(3): 536-41, March. 1997.
	*Bayard, et al., "Mapping of IgE Binding Regions in the Major Rat Urinary Protein, Alpha 2u-Globulin, Using Overlapping Peptides", <i>Immunol. Invest</i> , 28(5-6): 323-38, September-December, 1999.
	*Bernhisel-Broadbent, et al., "Cross-Allergenicity in the Legume Botanical Family in Children with Food Hypersensitivity. II. Laboratory correlates" <i>J Allergy Clin. Immunol.</i> , 84: 701-709 (1989).
	*Bevier, "Flea Allergy Dermatitis Testing Breakthrough", <i>Canine Practice</i> , 22(2-3): 49-50, 1997.
	*Birkner, et al., "Evaluation of Immunotherapy-Induced Changes in Specific IgE, IgG, and IgG-subclasses in Birch Pollen-Allergic Patient by Means of Immunoblotting, Correlation with Clinical Response," <i>Allergy</i> , 45: 418-426.
	*Bock, "Natural History of Severe Reactions to Foods in Young Children," <i>J. Pediatr.</i> 107: 676-680, 1985.
	*Bock, "The Natural History of Peanut Allergy", <i>J. Allergy Clin. Immunol.</i> , 83: 900-904 (1989).
	*Botros, H., "Cross-Antigenicity of Horse Serum Albumin with Dog and Cat Albumins: Study of Three Short Peptides with Significant Inhibitory Activity Towards Specific Human IgE and IgG Antibodies", <i>Immunology</i> , 88: 340-47, 1996.
	*Boulet, et al., "Inhibitory Effects of an Anti-IgE Antibody E25 on Allergen-Induced Early Asthmatic Response," <i>Am J. Respir Crit Care Med.</i> , 155: 1835-1840, 1997.
	*Brand, et al., "Allergen-Specific Immune Deviation from a TH2 to TH1 Response Induced by Dendritic Cells and Collagen Type 1", <i>J. Allergy Clin. Immunol.</i> 104(5): 1052-58, November, 1999.
	*Breiteneder, et al., "Diversity of Human T Cell Receptor Sequences of T Cell Clones with Specificity to Bet v 1 Peptide/MHC II Complexes", <i>Adv Exp Med Biol.</i> 409:365-74, 1996.
	*Breiteneder, et al., "Four Recombinant Isoforms of Cor a I, the Major Allergen of Hazel Pollen, Show Different IgE-Binding Properties", <i>Europ. J. Biochem.</i> 212:355-362, 1993.
	*Breiteneder, et al., "Complementary DNA Cloning and Expression in Escheria Coli of Aln g 1, the Major Allergen in Pollen of alder (Alnus glutinosa)," <i>J. Allergy Clin. Immunol.</i> , 90: 909-917 (1992).
	*Briner, et al., "Peripheral T-Cell Tolerance Induced in Naive and Primed Mice by Subcutaneous Injection of Peptides From the Major Cat Allergen Fel D 1", <i>Proc. Natl Acad Sci USA</i> , 90(16): 7608-12, August 15, 1993.
	*Bulone, A., "Separation of Horse Dander Allergen Proteins by Two-Dimensional Electrophoresis Molecular Characterisation and Identification of Equ c 2.0101 and Equ c 2.0102 as Lipocalin Proteins", <i>Eur J. Biochem.</i> , 253:202-211, 1998.
	*Burks, et al., "Allergenicity of Peanut and Soybean Extracts Altered by Chemical or Thermal Denaturation in Patients with Atopic Dermatitis and Positive Food Challenges", <i>J. Allergy Clin Immunol</i> , 90(6 pt 1): 889-97, 1992.
✓	*Burks, et al., "Anaphylactic Reactions Following Gammaglobulin Administration in Patients with Hypogammaglobulinemia: Detection of IgE antibodies to IgA," <i>N. Eng. J. Med.</i> 314: 560-4, 1986

Examiner's Initials	OTHER DOCUMENTS (Cont.) (Including Author, Title, Date, Pertinent Pages, Etc.)
FJK	*Burks, et al., "Antibody Response to Milk Proteins in Patients with Milk-Protein Intolerance Documented by Challenge," <i>J. Allergy Clin. Immunol.</i> 85: 921-7, 1990.
	*Burks, et al., "Atopic Dermatitis: Clinical Relevance of Food Hypersensitivity Reactions", <i>J. Pediatr.</i> 113: 447-451, 1988.
	*Cloning of the Ara H II Peanut Allergen by Polymerase Chain Reaction (PCR) Amplification", Abstract.
	*Burks, et al., "The Identification of A Family of Vicilin-Like Genes Encoding Allergens Responsible for Peanut Hyper-Sensitivity", Abstract.
	*Burks, et al., Épitope Specificity and Immunoaffinity Purification of the Major Peanut Allergen, Ara h 1", <i>J. Allergy Clin Immunol.</i> 93(4): 743-50 (1994)
	*Burks, et al., "Identification and Characterization of a Second Major Peanut Allergen, Ara h II, with Use of the Sera of Patients with Atopic Dermatitis and Positive Peanut Challenge," <i>J Allergy Clin Immunol.</i> 90(6 pt 1):962-9 (1992).
	*Burks, et al., "Identification of a Second Major Peanut Allergen in Patients with Atopic Dermatitis and Peanut Hypersensitivity," <i>J. Allergy Clin. Immunol.</i> 87:211, 1991.
	*Burks, et al., "Identification of Peanut Agglutinin and Soybean Trypsin Inhibitor as Minor Legume Allergens," <i>Int Arch Allergy Immunol.</i> 105(2): 143-9, 1994.
	*Burks, et al., "Identification of a Major Peanut Allergen Ara h 1, in Patients with Atopic Dermatitis and Positive Peanut Challenge," <i>J. Allergy Clin. Immunol.</i> 88, 172-179, 1991.
	*Burks, et al., "Isolation, Identification, and Characterization of Clones Encoding Antigens Responsible for Peanut Hypersensitivity", <i>Int. Arch. Allergy Immunol.</i> 107(1-3): 248-50, May-June, 1995.
	*Burks, et al., "Mapping and Mutational Analysis of the IgE-Binding Epitopes on Ara h 1, a Legume Vicilin Protein and a Major Allergen in Peanut Hypersensitivity", <i>Eur J. Biochem.</i> 245(2): 334-9, April, 1997.
	*Burks, et al., "Modification of a Major Peanut Allergen Leads to Loss of IgE Binding", <i>Int. Arch Allergy Immunol.</i> 118(2-4), 313-4, February-April, 1999.
	*Burks, et al., "Peanut Allergens", <i>Allergy</i> , 53(8): 725-30, August, 1998.
	*Burks, et al., "Production of Murine Monoclonal (mAb) Antibodies to Ara H1, A 63.5 kD Allergen in Peanuts, <i>J. Allergy Clin. Immunol.</i> 87: 210, 1991.
	*Burks, et al., "Recombinant Peanut Allergen Ara h I Expression and IgE Binding in Patients with Peanut Hypersensitivity", <i>J. Clin. Invest.</i> 96(4): 1715-21, October, 1996.
	*Burks, et al., "Cloning, Epitope Mapping and Mutational Analysis of Ara H 2, A Major Peanut Allergen", Abstract.
	*Butch, et al., "Properties of Human Follicular Dendritic Cells Purified with HJ2, a New Monoclonal Antibody", <i>Cellular Immunology</i> , 155, 27-41 (1994).
	*Cardaba, et al., "Antibody Response to Olive Pollen Antigens: Association Between HLA Class II Genes and IgE Response to Ole e I" <i>J. Allergy Clin. Immunol.</i> 91:338, 1993.
	*Chaloin, et al., "Conformations of Primary Amphipathic Carrier Peptides in Membrane Mimicking Environments", <i>Biochemistry</i> , 36: 11179-11187, 1997.
	*Chapman, et al., "Purification of Allergens," <i>Curr. Opin. Immunol.</i> , 1: 647-53, 1989.
↓	*Chen, et al., "Allergenic and Antigenic Determinants of Latex Allergen Hev B 1: Peptide Mapping of Epitopes Recognized by Human, Murine and Rabbit Antibodies", <i>Clin Exp Allergy</i> , 26(4): 406-15, April 1996.

Examiner's Initials	OTHER DOCUMENTS (Cont.) (Including Author, Title, Date, Pertinent Pages, Etc.)
Puk	*Chen, et al., "Isolation and Identification of Hevein as a Major IgE-Binding Polypeptide in Hevea Latex," <i>J. Allergy Clin. Immunol.</i> 99(3): 402-409, 1997.
	*Cheng, et al., "House Dust Mite-Induced Sensitivity in Mice", <i>Journal of Allergy and Clinical Immunology</i> , 101(1): 51-59, 1998.
	*Cheng, et al., "House-Dust Mite (HDM) Induced Hypersensitivity in Mice", <i>Faseb Journal</i> , 5(4): 801, 1995.
	*Cheng, et al., "House-Dust Mite (HDM) Induced Hypersensitivity in Mice", <i>Journal of Allergy and Clinical Immunology</i> , 95(1): 380, 1995.
	*Christie, et al., "N-Terminal Amino Acid Sequence Identity Between a Major Allergen of <i>Ascaris Lumbricoides</i> and <i>Ascaris Suum</i> , and MHC-Restricted IgE Responses to it", <i>Immunology</i> , 69:596-602, 1990.
	*Chua, et al., "Sequence Analysis of cDNA Coding for A Major House Dust Mite Allergen" <i>J. Exp. Med.</i> 167:175-182, 1988.
	*Chua, et al., "Isolation of cDNA Coding for the Major Mite Allergen Der p II by IgE Plaque Immunoassay", <i>Int. Arch. Allergy Appl. Immunol.</i> 91:118-123, 1990.
	*Clarke, et al., "Structure of Mouse Major Urinary Protein Genes: Different Splicing Configurations in the 3' - Non-Coding Region", <i>EMBO J.</i> , 3:1045-1052, 1984.
	*Cockrell, et al., "Monoclonal Antibody Enzyme-Linked Immunosorbent Assay (ELISA) for Ara H 1. A Major Peanut Allergen," <i>J. All. Clin. Immunol.</i> , 89:Abstract 613, 1992.
	*Colman, "Production of Proteins in the Milk of Transgenic Livestock: Problems, Solutions, and successes," <i>Am J. Clin. Nutr.</i> 63(4): 639S-645S, 1996.
	*Colman, A. "Production of Therapeutic Proteins in the Milk of Transgenic Livestock" <i>Biochem. Soc. Symp.</i> 63: 141-147, 1998.
	*Cooke & Sampson, "Allergenic Properties of Ovomuroid in Man," <i>J. Immunol.</i> 159(4): 2026-32, 1997.
	*Corbi, et al., "Identification of IgE Binding Polypeptides Cross-Reactive with the Parietaria Judaica Main Allergenic Polypeptide", <i>Mol Immunol.</i> 23(12): 1357-63, December 1986.
	*Counsell, et al., "Definition of the Human T-Cell Epitopes of Fel D 1, the Major Allergen of the Domestic Cat", <i>J Allergy Clin Immunol.</i> 98(5 Pt 1): 884-94, November, 1996.
	*Cramer, et al., "Epidemiology and Molecular Basis of the Involvement of <i>Aspergillus Fumigatus</i> in Allergic Diseases", <i>Contrib Microbiol. Basel. Karger</i> , 2: 44-56.
	*Czisch, et al., "Conformations of Peptide Fragments Comprising the Complete Sequence of Component III of Chi t I and Their Relationship to T-Cell Stimulation", <i>Biochemistry</i> 33(32): 9420-7, August, 1994.
	*Czuppon, et al., "Allergens, IgE, Mediators, Inflammatory Mechanisms", The Rubber Elongation Factor of Rubber Trees (<i>Hevea Brasiliensis</i>) is the Major Allergen in Latex", <i>J. Allergy Clin Immunol.</i> , 92:690-697, 1993.
	*Daul, et al., "Identification of the Major Brown Shrimp (<i>Penaeus Aztecus</i>) Allergen as the Muscle Protein Tropomyosin", <i>Int Arch Allergy Immunol.</i> 105: 49-55, 1994.
	*Day, "Genetic Modification of Proteins in Food," <i>Critical Reviews in Food Science and Nutrition</i> , 36(S): S49-S67, 1996.
✓	*De Palma, et al., "Use of Antagonist Peptides to Inhibit in Vitro T Cell Responses to Par j1, The M Allergen of <i>Parietaria Judaica</i> Pollen", <i>J. Immunol.</i> 162(4): 1982-7, February 15, 1999.

Examiner's Initials	OTHER DOCUMENTS (Cont.) (Including Author, Title, Date, Pertinent Pages, Etc.)
Psk	*De Jong, et al., "Food Allergen (Peanut)-Specific TH2 Clones Generated from the Peripheral Blood of a Patient with Peanut Allergy," <i>J Allergy Clin Immunol.</i> 98(1) : 73-81, 1996.
	*Demerec, et al., "A Proposal for a Uniform Nomenclature in Bacterial Genetics", <i>Genetics</i> , 54 : 61-75, 1966.
	*de Groot, "Affinity Purification of a Major and a Minor Allergen from Dog Extract: Serologic Activity of Affinity-Purified Can f I and of Can f I-Depleted Extract" <i>J Allergy Clin. Immunol.</i> , 87 :1056-1065, 1991.
	*Demoly, et al., "Anti-IgE Therapy for Asthma," <i>American J. Resp. Crit Care Med.</i> 155 : 1825-1827, 1997.
	*Derossi, et al., "Cell Internalization of the Third Helix of the Antennapedia Homeodomain is Receptor-Independent", <i>The Journal of Biological Chemistry</i> , 271(30) : 18188-18193, 1996.
	*Deuell, et al., "Trichophyton Tonsurans Allergen I, Characterization of a Protein That Causes Immediate But Not Delayed Hypersensitivity" <i>J. Immunol.</i> , 147 :96-101, 1991.
	*Dilworth, et al., "Sequence Analysis of cDNA Coding for a Major House Dust Mite Allergen, Der f I" <i>Clin. Exp. Allergy</i> , 21 :25-32, 1991.
	*Directions for Use, Pharmacia Diagnostics AB, Uppsala, Sweden 1985 (Revised 1988).
	*Dolecek, et al., "Molecular Characterization of Phl p II, a Major Timothy Grass (Phleum Pratense) Pollen Allergen", <i>FEBS Letter.</i> , 335 :299-304, 1993.
	*Ebner, et al., "Multiple T Cell Specificities for Bet v I, the Major Birch Pollen Allergen, with Single Individuals. Studies using Specific T Cell Clones and Overlapping Pepti", <i>Eur J Immunol.</i> 23(7) : 1523-7, July, 1993.
	*Eichler & Houghten, "Generation and Utilization of Synthetic Combinatorial Libraries," <i>Mol. Med. Today</i> , 1(4) : 174-80, 1995.
	*Eigenmann, et al., "Identification of Unique Peanut and Soy Allergens in Sera Adsorbed with Cross-Reacting Antibodies", <i>J. Allergy Clin Immunol</i> , 98(5 pt 1) :969-78, November, 1996.
	*Ekramoddoullah, "Allergenic Cross Reactivity of Cytochrome c From Kentucky Bluegrass and Perennial Ryegrass Pollens", <i>Moll Immunol.</i> 19 : 1527-1534, 1982.
	*Elfman, et al., "IgE Binding Capacity of Synthetic and Recombinant Peptides of the Major Stor Mite (Lepidoglyphus Destructor) Allergen, Lep d 2", <i>Int Arch Allergy Immunol.</i> 117(3) : 167-73, November 1998.
	*Elsayed, et al., "A Synthetic Hexadecapeptide Derived from Allergen M Imposing Allergenic Antigenic Reactivity", 12(2) : 171-5, 1980.
	*Elsayed, et al., "Allergenic Synthetic Peptide Corresponding to the Second Calcium-Binding of Cod Allergen M", <i>Scand J Immunol.</i> 14(2) : 207-11, August, 1981.
	*Elsayed, et al., "Antigenic and Allergenic Determinants of Ovalbumin. I. Peptide Mapping, Cleavage at the Methionyl Peptide Bonds and Enzymic Hydrolysis of Native A Carboxymethyl OA", <i>Int Arch Allergy Appl Immunol.</i> 79(1) : 101-7, 1986.
	*Elsayed, et al., "Synthetic Allergenic Epitopes from the Amino-Terminal Regions of the Major Allergens of Hazel and Birch Pollen", <i>Int Arch Allergy Appl Immunol.</i> 89 : 410-415, 1989.
✓	*Elsayed, et al., "Tryptic Cleavage of a Homogenous Cod Fish Allergen and Isolation of Two Ac Polypeptide Fragments" <i>Immunochemistry</i> , 9(6) : 647-61, June, 1972.

Examiner's Initials	OTHER DOCUMENTS (Cont.) (Including Author, Title, Date, Pertinent Pages, Etc.)
PNT	*Elsayed, et al., "The Primary Structure of Fragment TM2 of Allergen M from Cod", <i>Scand J. Immunol.</i> , 3: 683-686, 1974.
	*Elsayed, et al., "Cod Fish Allergen Structure", <i>Immunochemistry</i> , 9:647-661, 1972.
	*Enomoto, et al., "Antibodies Raised Against Peptide Fragments of Bovine Alpha s1-Casein Cross-with the Intact Protein Only When the Peptides Contain Both B and T Cell Determinants", <i>Mol Immunol.</i> 27(6): 581-6, June, 1990.
	*Epton, et al., "High-Molecular-Weight Allergens of the House Dust Mite: An Apolipoprotein-Li cDNA has Sequence Identity with the Major M-177 Allergen and the IgE-Bin Peptide Fragments Mag1 and Mag3", <i>Int Arch Allergy Immunol.</i> 120(3): 185-91, November, 1999
	*Esch, et al., "Isolation and Characterization of A Major Cross-Reactive Grass Group I Allergenic Determinant", <i>Mol. Immunol.</i> 26:557-561.
	*Espanion, "Methods of Production and Perspectives for Use of Transgenic Domestic Animals," <i>DTW Dtsch Tierarzti Wochenschr.</i> 103(8-9): 320-8, 1996.
	*Ezhevsky, et al., "Hypo-Phosphorylation of the Retinoblastoma Protein (pRb) by Cyclin: D:Cdk4/6 Complexes Results in Active pRb", <i>Proc. Natl. Acad. Sci. USA</i> , 94:10699-10704, 1997.
	*Fahhoum, et al., "Immunologic Variables in a Murine Model of House Dust Mite Sensitivity", <i>Journal of Allergy and Clinical Immunology</i> , 99(1): 676, 1997.
	*Fahhoum, et al., "Tolerization of House Dust Mite Sensitive Mice Using a Major HDM Peptide", <i>Journal of Allergy and Clinical Immunology</i> , 101(1): 252, 1998.
	*Fahy, et al., "The Effect of an Anti-IgE Monoclonal Antibody on the Early-and Late-Phase Responses to Allergen Inhalation in Asthmatic Subjects," <i>American J Respir Crit Care Med</i> , 155: 1828-1834, 1997.
	*Fang, et al., "cDNA Cloning and Primary Structure of a White-Face Hornet Venom Allergen, Antigen 5", <i>Natl. Acad. Sci., USA</i> , 85:895-899, 1988.
	*Fasler, et al., "Antagonistic Peptides Specifically Inhibit Proliferation, Cytokine Production, CD40L Expression, and Help for IgE Synthesis by Der p 1-Specific Human T-Cell Clones", <i>J Allergy Clin Immunol.</i> 101(4 Pt 1): 521-30, April, 1998.
	*Fasler, et al., "Peptide-Induced Anergy in Allergen-Specific Human Th2 Cells Results in Lack Cytokine Production and B Cell Help for IgE Synthesis. Reversal IL-2, not IL-4 or IL-13", <i>J Immunol.</i> 155(9): 4199-206, November 1, 1995.
	*Ferreira, et al., "Modulation of IgE reactivity of allergens by Site-Directed Mutagenesis: Potential Use of Hypoallergenic Variants for Immunotherapy", <i>FASEB J</i> , 12: 231-242 (1998)
	*Fields, et al., "Solid Phase Peptide Synthesis Utilizing 9-Fluorenylmethoxycarbonyl Amino Acids," <i>Int J Pept Protein Res.</i> 35(3): 161-214, 1990.
	*Fischer, et al., "Characterization of Phl p 4, a Major Timothy Grass (Phleum Pratense) Pollen Allergen" <i>J. Allergy Clin Immunol.</i> 98: 189-198, 1996.
	*Fitzsimmons, et al., "Immunotherapy-Definition and Mechanism," <i>Allergy Proc.</i> , 11: 156 (1990)
✓	*Fuchs, et al., "Ingredients for Fat Replacement," <i>Food Tech.</i> 51: 82-87, 1997.

Examiner's Initials	OTHER DOCUMENTS (Cont.) (Including Author, Title, Date, Pertinent Pages, Etc.)
P.H.	*Fung-Leung, et al., Transgenic Mice Expressing the Human High-Affinity Immunoglobulin (Ig) E Receptor Alpha Chain Respond to Human IgE in Mast Cell Degranulation and in Allergic Reactions," <i>J. Exp. Med.</i> 183: 49-56 (1996).
	*Garcia, et al., "Nonspecific Changes in Immunotherapy with House dust extract", <i>J. Invest Allergol. Clin Immunol.</i> 5 18-24 (1995).
	*Geluk, et al., "HLA-DR3 Molecules can Bind Peptides Carrying Two Alternative Specific Submotifs", <i>J Immunol.</i> 152(12): 5742-8, June 15, 1994.
	*Ghosh, et al., "Cloning and Expression of Immunologically Active Recombinant Amb a V Allergen of Short Ragweed Pollen", <i>J. Immunol.</i> , 150: 5391-5399, 1993.
	*Gjesing, et al., "Immunochemistry of Food Antigens", <i>Ann. Allergy</i> , 53:602-608, 1984.
	*Gibbs, et al., "Evolution of Legume Seed Storage Proteins – a Domain Common to Legumins and Vicilins is Duplicated in Vicilins," <i>Mol. Biol. Evol.</i> , 6: 614-623 (1989).
	*Gieni, et al., Allergen-Specific Modulation of Cytokines Synthesis Patterns and IgE Responses in Vivo with Chemically Modified Allergen," <i>The Journal of Immunol.</i> , 150: 302-310 (1993).
	*Gius, et al., "Transduced p16 ^{INK4a} Peptides Inhibit Hypophosphorylation of the Retinoblastoma Protein and Cell Cycle Progression Prior to Activation of Cdk2 Complexes in Late G ₁ " <i>Cancer Research</i> , 59:2577-2580, 1999.
	*Gmachl, et al., "Bee Venom Hyaluronidase is Homologous to a Membrane Protein of Mammalian Sperm", <i>Proc. Natl. Acad. Sci. USA.</i> , 90:3569-3573, 1993.
	*Gonzalez, et al., "Soybean Hydrophobic Protein and Soybean Hull Allergy" <i>Lancet</i> , 346:48-49, 1995.
	*Goodfriend, et al., "New Ragweed Pollen Allergens", <i>Fed. Proc.</i> 38: 1415.
	*Goodfriend, et al., "Ra5G, A Homologue of Ras5 In Giant Ragweed Pollen: Isolation, HLA-DR-Associated Activity and Amino Acid Sequence", <i>Mol. Immunol.</i> 22: 899-906, 1985.
	*Gordon, "Future Immunotherapy: What Lies Ahead?", <i>Otolaryngol Head Neck Surg.</i> , 113: 603-605 (1995).
	*Greene, "Characterization of Allergens of the Cat Flea, Ctenocephalides Felis: Detection and Frequency of IgE Antibodies in Canine Sera," <i>Parasit Immunology</i> , 15: 69-74, 1993.
	*Greene, et al., IgE and IgG Binding of Peptides Expressed from Fragments of cDNA Encoding the Major House Dust Mite Allergen Der p I" <i>J Immunol.</i> 147(11): 3768-73, December 1, 1997.
	*Griffith, et al., "cDNA Cloning of Cry j r, The Major Allergen of Cryptomeria Japonica (Japanese Cedar)" <i>J. Allergy. Clin. Immunol.</i> 91:339, 1993.
	*Griffith, et al., "Sequence Polymorphisms of Amb a I and Amb a II, The Major Allergens in Ambrosia Artemisiifolia (Short Ragweed). <i>Int. Arch. Allergy Appl. Immunol.</i> 96: 296-304, 1991.
	*Griffith, et al., "Expression and Genomic Structure of the Genes Encoding FdI, the Major Allergen from the Domestic Cat", <i>Gene</i> , 113: 263-268, 1992.
✓	*Griffith, et al., "Cloning and Sequencing of Lol pI, the Major Allergenic Protein of Rye-Grass Pollen", <i>FEBS Letters</i> , 279:210-215, 1991.

Examiner's Initials	OTHER DOCUMENTS (Cont.) (Including Author, Title, Date, Pertinent Pages, Etc.)
PJK	*Gross, et al., "Isolation and Partial Characterization of the Allergen in Mountain Cedar Pollen", <i>Scand J. Immunol.</i> , 8:437-441, 1978.
	*Guerin-Marchand, et al., "Cloning, Sequencing and Immunological Characterization of Dac g 3, A Major Allergen From Dactylis Glomerata Pollen", <i>Mol. Immunol.</i> 33:797-806, 1996.
	*Habermann, E., "Bee and Wasp Venoms", <i>Science</i> , 177:314-322, 1972.
	*Halliwell, "Aspects of the Immunopathogenesis of Flea Allergy Dermatitis in Dogs," <i>Veterinary Immunology and Immunopathology</i> , 17: 483-494, 1987.
	*Halliwell, IgE and IgG Antibodies to Flea Antigen in Differing Dog Populations," <i>Veterinary Immunology and Immunopathology</i> , 8: 215-223, 1985.
	*Halmepuro, et al., "Crawfish and Lobster Allergens: Identification and Structural Similarities with Other Crustacea", <i>Int. Arch Allergy Appl. Immun.</i> 84: 165-72, 1987.
	*Haselden, et al., "Immunoglobulin E-independent Major Histocompatibility Complex-restricted T Cell Peptide Epitope-induced Late Asthmatic Reactions" <i>J Exp Med.</i> 189(12): 1885-94, June 21, 1999
	*Hawrylowicz, et al., "T-Cell Receptor Peptides that Inhibit the T-Cell Response to Allergen Induce Transforming Growth Factor-Beta 1 Production", <i>J Allergy Clin Immunol.</i> 97(2): 707-9, February, 1996.
	*Hefle, et al., "Isolation of Peanut Allergens Using Monoclonal Antibodies," <i>J. Allergy and Clinical Immunology</i> , 87: Abstract, 209, 1991.
	*Heiner, et al., "RAST Analyses of Peanut Allergens," <i>J. Allergy Clin. Immunol.</i> , 55: 82, 1975.
	*Helm, et al., "A Major Allergen Involved in IgE Mediated Cockroach Hypersensitivity is a 90 kD Protein with Multiple IgE Binding Domains", <i>Adv Exp Med Biol.</i> 409: 267-8, 1996.
	*Helm, et al., "Cellular and Molecular Characterization of a Major Soybean Allergen", <i>Int. Arch Allergy Immunol.</i> 117(1), 29-37, September, 1998.
	*Helm, et al., "IgE-Binding of Homologous Legume Vicilins and Glycinins of Soybean and Peanut Allergens", Abstract.
	*Helm, et al., "Isolation and Characterization of a Clone Encoding a Major Allergen (Bla g Bd90K) Involved in IgE-Mediated Cockroach Hypersensitivity", <i>J Allergy Clin Immunol.</i> 98(1): 172-80, July, 1996.
	*Helm, et al., "Isolation and Characterization of Clones Encoding Cockroach Allergens", <i>Int. Arch Allergy Immunol.</i> 107(1-3): 462-3, May-June, 1995.
	*Helm, et al., "Mutational Analysis of the IgE-binding Epitopes of P34/Gly m Bd 30K", <i>J Allergy Clin. Immunol.</i> 105(2): 378-84, January, 2000.
	*Helm, et al., "Cloning of a Portion of Ara H 3: A Peanut Allergen", Abstract.
	*Herian, et al., "Identification of Soybean Allergens by Immunoblotting with Sera from Soy-Allergic Adults," <i>Int. Arch. Allergy Appl. Immunol.</i> 92: 193-198, 1990.
	*Hetzl, et al., "Peptide-Mediated Immunoregulation", <i>Int Arch Allergy Immunol.</i> 107:(1-3): 275-7, May-June, 1995.
↓	*Higgins, et al., "Overlapping T-Cell Epitopes in the Group I Allergen of Dermatophagoides sp Restricted by HLA-DP and HLA-DR Class II Molecules", <i>J Allergy Clin Immunol.</i> 93(5): 891-9, May, 1994.

Examiner's Initials	OTHER DOCUMENTS (Cont.) (Including Author, Title, Date, Pertinent Pages, Etc.)
Puk	*Higgins, et al., "Peptide-Induced Nonresponsiveness of HLA-DP Restricted Human T Cells reactivated with Dermatophagoides spp", <i>J Allergy Clin Immunol.</i> 90(5): 749-56, November, 1992.
	*Hirahara, et al., "Oral Administration of A Dominant T-Cell Determinant Peptide Inhibits Allergen-Specific TH1 and TH2 Cell Responses in Cry J 2-Primed Mice", <i>J Allergy Clin Immunol.</i> 102(6 Pt 1): 961-7, December, 1998.
	*Ho, et al., "Comparison of the Immunogenicity of Wasp Venom Peptides With or Without Carbohydrate Moieties", <i>Toxicon.</i> 36(1): 217-21, January, 1998.
	*Hoffman, et al., "Allergens in Hymenoptera Venom XXV: The Amino Acid Sequences of Antigen 5 Molecules and the Structural Basis of Antigenic Cross-Reactivity", <i>J. Allergy Clin. Immunol.</i> , 92:707-716, 1993.
	*Hoffman, et al., "Allergens in Hymenoptera Venom XXIV: The Amino Acid Sequences of Imported Fire Ant Venom Allergens Sol i II, Sol i III, and Sol i IV" <i>J. Allergy Clin. Immunol.</i> , 91:71-78, 1993.
	*Hoffman, D.R., "Immunochemical Identification of the Allergens in Egg White", <i>J. Allergy Clin. Immunol.</i> 71:481-486, 1983.
	*Hong, et al., "Pepsin-Digested Peanut Contains T-Cell Epitopes But no IgE Epitopes", <i>J. Allergy Clin. Immunol.</i> 104: 473-7, 1999.
	*Horner, et al., "Identification of the Allergen Psi c 2 from the Basidiomycete Psilocybe Cubensis as a Fungal Cyclophilin", <i>Int. Arch. Allergy Immunol.</i> , 107:298-300, 1995.
	*Hoyne, et al., "Inhibition of T-Cell Responses by Feeding Peptides Containing Major and Cryptic Epitopes: Studies with the Der p I Allergen", <i>Immunology</i> 83(2): 190-5, October, 1994.
	*Hoyne, et al., "Peptide Modulation of Allergen-Specific Immune Responses", <i>Curr Opin Immunol.</i> 7(6): 757-61, December, 1995.
	*Hsu, et al., "Inhibition of Specific IgE Response in Vivo by Allergen-Gene Transfer," <i>Int. Immunol.</i> 8:1405-1411, 1996.
	*Jacobson, et al., "Characterization of Bumblebee Venom Allergens" <i>J. Allergy Clin. Immunol.</i> 91:187, 1993.
	*Jacobson, et al., "The Cross-Reactivity Between Bee and Vespid Hyaluronidases has a Structural Basis" <i>J. Allergy Clin. Immunol.</i> , 89:292, 1992.
	*James, et al., "Wheat α -Amylase Inhibitor: A Second Route of Allergic Sensitization", <i>J Allergy Clin Immunol.</i> 99(2): February, 1997.
	*James, et al., "Serum IgE Antibodies From Wheat-Allergic Patients Bind A 50 kD Wheat Protein", Abstract.
	*Jameson, et al., "The Antigenic Index: A Novel Algorithm for Predicting Antigenic Determinants," <i>Comput. Appl. Biosci.</i> 4: 181-186 (1988).
	*Jansen, et al., "Prevalence of Food Allergy and Intolerance in the Adult Dutch Population," <i>J. Allergy Clin. Immunol.</i> , 93: 446-456 (1994).
	*Janssen, et al., "Modulation of Th2 Responses by Peptide Analogues in a Murine Model of Allergic Asthma: Amelioration or Deterioration of the Disease Process Depends on the Th1 or Th2 Skewing Characteristics of the Therapeutic Peptide", <i>J Immunol.</i>
✓	*Jarman, et al., "Inhibition of Human T-Cell Responses to House Dust Mite Allergens by a T-Cell Receptor Peptide", <i>J Allergy Clin Immunol.</i> 94(5): 844-52, November 1994.

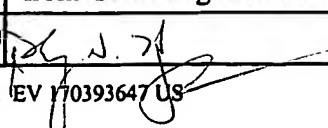
Examiner's Initials	OTHER DOCUMENTS (Cont.) (Including Author, Title, Date, Pertinent Pages, Etc.)
P.H	*Jeannin, et al., "Immunogenicity and Antigenicity of Synthetic Peptides Derived from the Mite Allergen Der p I", <i>Mol Immunol.</i> 30(16): 1511-8, November 1993.
	*Jeannin, et al., "Specific Histamine Release Capacity of Peptides Selected from the Modelized Der p I Protein, a Major Allergen of Dermatophagoides Pteronyssinus", <i>Mol Immunol.</i> 29(6): 739-49, June, 1992.
	*Jensen-Jarolim, et al., "Allergen Mimotopes in Food Enhance Type I Allergic Reactions in Mice", <i>The FASEB Journal</i> , 13: 1586-92, September, 1999.
	*Jensen-Jarolim, et al., "Nonapeptides Selected by Phage Display Mimic The Binding Sites of Monoclonal Antibodies BIP1 and BIP4 on Bet v 1, The Major Birch Pollen Allergen", <i>Int Arch Allergy Immunol.</i> 118(2-4): 224-5, February-April, 1999.
	*Jensen-Jarolim, et al., "Peptide Mimitopes Displayed by Phage Inhibit Antibody Binding to Bet v 1, the Major Birch Pollen Allergen, and Induce Specific IgG Response in Mice", <i>FASEB J.</i> 12(15): 1635-42, December, 1998.
	*Jimenez, et al., "Sensitization to Sunflower Pollen: Only an Occupational Allergy? <i>Int. Arch Allergy Immunol.</i> 105:297-307, 1994
	*Jusko, "Corticosteroid Pharmacodynamics: Models for Broad Array of Receptor-mediate Pharmacologic Effects," <i>Clin. Pharmacol</i> , 30: 303-10, 1990.
	*Kaminogawa, "Food Allergy, Oral Tolerance and Immunomodulation--Their Molecular and Cellular Mechanisms," <i>Biosci. Biotech, Biochem.</i> 60: 1749-1756, 1996.
	*Kammerer, et al/. "Modulation of T-Cell Response to Phospholipase A2 and Phospholipase A2-Derived Peptides by Conventional Bee Venom Immunotherapy", <i>J Allergy Clin Immunol.</i> 100(1): 96-103, July, 1997.
	*Kapitany, et al., "A High Resolution PAS Stain for Polyacrylamide Gel Electrophoresis," <i>Anal. Biochem.</i> , 56: 361-9, 1973.
	*Keating, et al. "Immunoassay of Peanut Allergens in Food-Processing Materials and Finished Foods," <i>J. Allergy Clin. Immunol.</i> 86: 41-44, 1990.
	*Kettner, et al., "IgE and T-Cell Responses to High-Molecular Weight Allergens from Bee Venom", <i>Clin. Exp. Allergy</i> , 29(3): 394-401, March, 1999.
	*Kieliszewski, et al. "Potato Lectin: A Modular Protein Sharing Sequence Similarities with the Extensin Family, the Hevein Lectin Family, and Snake Venom Disintegrins (Platelet Aggregation Inhibitors)," <i>Plant J.</i> 5(6): 849-861, 1994.
	*Kim, et al., "Suppressive Vaccination at Allergen-Induced Immunoglobulin E Production by the Naked DNA Vaccine", <i>Journal of Investigative Medicine</i> , 46(3): A243, 1998.
	*Kim, et al., "Suppressive Vaccination of Allergen-Induced Immunoglobulin E Production by the Naked DNA Vaccine" <i>Faseb Journal</i> , 12(5): 6148, 1998.
	*King, et al., "Isolation and Characterization of Allergen from Ragweed Pollen" <i>Biochemistry</i> , 3: 458-468, 1964.
	*King, et al., "Modulation of the Allergenicity of a Major Peanut Allergen, Ara h 2 by Mutagenesis of Its Immunodominant IgE Binding Epitopes", Abstract.
✓	*King, et al., "The Isolation and Characterization of a Novel Collagenolytic Serine Protease Allergen (Der p 9) from the Dust Mite Dermatophagoides Pteronyssinus", <i>J. Allergy Clin Immunol.</i> , 98:739-747, 1996.

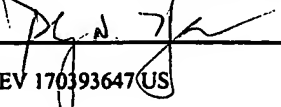
Examiner's Initials	OTHER DOCUMENTS (Cont.) (Including Author, Title, Date, Pertinent Pages, Etc.)
Psk	*King, et al., "Structural Studies of a Hornet Venom Allergen Antigen 5, Dol m V and its Sequence Similarity with Other Proteins" <i>Prot. Seq. Data Anal.</i> , 3:263-266, 1990.
	*King, et al., "Yellow Jacket Venom Allergens, Hyaluronidase and Phospholipase: Sequence Similarity and Antigenic Cross-Reactivity with Their Hornet and Wasp Homologs and Possible Implications for Clinical Allergy" <i>Allergy Clin. Immunol.</i> , 98:588-600, 1996.
	*Klapper, et al., "Amino Acid Sequence of Ragweed Allergen Ra3", <i>Biochemistry</i> , 19: 5729-5734, 1980.
	*Klysner, et al., "Group V Allergens in Grass Pollens: IV. Similarities in Amino Acid Compositions and NH ₂ Terminal Sequences of the Group V Allergens from Lolium Perenne, Poa Pratensis and Dactylis Glomerata", <i>Clin. Exp. Allergy</i> , 22:491-497, 1992.
	*Kohler, et al., "Continuous Cultures of Fused Cells Secreting Antibody of Predefined Specificity," <i>Nature</i> , 256: 495-497, 1975.
	*Kopper, et al., "Rapid Isolation of Peanut Allergens and Their Physical Chemical and Biological Characterization", Abstract.
	*Kricek, et al., "IgE-Related Peptide Mimotopes, Basic Structures for Anti-Allergy Vaccine Development", <i>Int Arch Allergy Immunol.</i> 118 (2-4): 222-3, February-April, 1999.
	*Krieg, et al., "CpG Motifs in Bacterial DNA Trigger Direct B-Cell Activation," <i>Nature</i> , 374(6522): 546-9, 1995.
	*Kuchler, et al., "Analysis of the cDNA for Phospholipase A ₂ from Honeybee Venom Glands; The Deduced Amino Acid Sequence Reveals Homology to the Corresponding Vertebrate Enzymes", <i>Eur. J. Biochem.</i> , 184:249-254, 1989.
	*Kumar, et al., "Isolation and Characterization of a Recombinant Heat Shock Protein of <i>Aspergillus Fumigatus</i> ", <i>J. Allergy Clin. Immunol.</i> , 91:1024-1030, 1993.
	*Kurup, et al., "Immunodominant Peptide Epitopes of Allergen, Asp F 1 from the Fungus <i>Aspergillus Fumigatus</i> ", <i>Peptides</i> , 19(9): 1469-77, 1998.
	*Kwon, et al., "Immunoprotective Effect of Vaccination with DNA Encoding T Cell Epitopes on the Der p Induced IgE Production" <i>Journal of Allergy and Clinical Immunology</i> , 103: 418, 1999.
	*Kwon, et al., "The Effect of the Intradermal Vaccination with DNA Encoding the T-Cell Receptor on the Induction of Experimental Autoimmune Encephalomyelitis in Mice", <i>Journal of Allergy and Clinical Immunology</i> , 103: 76, 1999.
	*Lacroix, et al., "Attenuation of Allergen-Evoked Nasal Responses by Local Pretreatment with Exogenous Neuropeptide Y in Atopic Patients", <i>J Allergy Clin Immunol.</i> 98(3):611-6, September, 1996.
	*Laemmli, "Cleavage of Structural Proteins During the Assembly of the Head of Bacteriophage T4", <i>Nature</i> , 227: 680-5, 1970.
	*Lake, et al., "House Dust Mite-Derived Amylase: Allergenicity and Physicochemical Characterization", <i>J. Allergy Clin. Immunol.</i> 87:1035-1042, 1991.
	*Langeland, T., "A Clinical and Immunological Study of Allergy to Hen's Egg White", <i>Allergy</i> , 38:493-500, 1983.
✓	*Laperche, et al., "Tissue-Specific Control of $\alpha_2\mu$ Globulin Gene Expression: Constitutive Synthesis in the Submaxillary Gland" <i>Cell</i> , 32:453-460, 1983.

Examiner's Initials	OTHER DOCUMENTS (Cont.) (Including Author, Title, Date, Pertinent Pages, Etc.)
Palk	*Larsen, et al., "PCR Based Cloning and Sequencing of Isogenes Encoding the Tree Pollen Major Allergen <i>Car b</i> I from <i>Carpinus Betulus</i> , Hornbeam", <i>Mol. Immunol.</i> 29: 703-711, 1992.
	*Lehrer, et al., "Reactivity of IgE Antibodies with Crustacea and Oyster Allergens: Evidence for Common Antigenic Structures", <i>J Allergy Clin. Immunol.</i> 80(2): 133-39, August, 1987,
	*Lemanske & Taylor, "Standardized Extracts, Foods," <i>Clin. Rev. Allergy</i> , 5: 23-26, 1987.
	*Leung, et al., "Identification and Molecular Characterization of <i>Charybdis Feriatus</i> Tropomyosin, The Major Crab Allergen", <i>J. Allergy Clin Immunol.</i> 847-852, November, 1998.
	*Leung, et al., "IgE Reactivity Against a Cross-Reactive Allergen in Crustacea and Mollusca: Evidence for Tropomyosin as the Common Allergen", <i>J. Allergy Clin Immunol.</i> 98(5), 954-961, November, 1996.
	*Liebers, et al., "Epitope Mapping with Peptides of Chi t I Component III and Immunomodula of the Chi t Immune Response", <i>J Allergy Clin Immunol.</i> 92(2): 334-9, August, 1993.
	*Lind, et al., "The Binding of Mouse Hybridoma and Human IgE Antibodies to the Major Fecal Allergen, Der p I, of <i>Dermatophagoides Pteronyssinus</i> , Relative Binding Site Location and Species Specificity Studied by Solid-Phase Inhibition Assays with Radiolabeled Antigen", <i>J. Immunol.</i> , 140:4256-4262, 1988.
	*Ling, et al., "Construction and Characterization of Human IgE Fab Fragments Specific to Peanut Allergens", Abstract.
	*Litwin, et al., "Regulation of the Human Immune Response to Ragweed Pollen by Immunotherapy. A Controlled Trial Comparing the Effect of Immunosuppressive Peptic Fragments of Short Ragweed with Standard Treatment", <i>Clin Exp. Allergy.</i> 21(4): 457-65, July, 1991.
	*Litwin, et al., "Regulation of the Immune Response to Allergens by Immunosuppressive Allergenic Fragments, Peptic Framents of Honey Bee Venom Phospholipase", <i>Int Arch Allergy Appl Immunol.</i> 87(4): 361-6, 1988.
	*Lopata, et al., "Characteristics of Hypersensitivity Reactions and Identification of a Unique 49 kd IgE-Binding Protein (Hal-m-1) in Abalone (<i>Haliotis Midiae</i>)" <i>J. Allergy Clin. Immunol.</i> , 1997,
	*Lowenstein, H., "Timothy Pollen Allergens" <i>Allergy</i> : 35: 188-191, 1980.
	*Lu, et al., "Sequence Analysis and Antigenic Cross-Reactivity of a Venom Allergen, Antigen 5, From Hornets, Wasps, and Yellow Jackets" <i>The Journal of Immunology</i> , 150:2823-2830, 1993.
	*Maguire, et al., "The Safety and Efficacy of ALLERVAX CAT in Cat Allergic Patients" <i>Clin Immunol.</i> 93(3): 222-31, December, 1999.
	*Maleki, et al., "T-Cell Responses in Food Allergy: Identification of T-Cell Epitopes on a Major Peanut Allergen", Abstract.
	*Marcotte, et al., "Effects of Peptide Therapy on Ex Vivo T-Cell Responses", <i>J Allergy Clin Immunol.</i> 101(4 Pt 1): 506-13, April, 1998.
	*Marsh, et al., "Allergen Nomenclature", <i>Bull WHO</i> 64: 767-770, 1986.
	*Mathison, et al., "A Peptide from the Submandibular Glands Modulates Inflammatory Responses", <i>Int Arch Allergy Immunol.</i> 113 (1-3): 337-8, May-July, 1997.
✓	*Matthiesen, et al., "Group V Allergens in Grass Pollens. I. Purification and Characterization of the Group V Allergen from <i>Phleum Pratense</i> Pollen, Phl p V" <i>Clin. Exp. Allergy</i> , 21:297-307.

Examiner's Initials	OTHER DOCUMENTS (Cont.) (Including Author, Title, Date, Pertinent Pages, Etc.)
Pnk	*Matsuoka, et al., "Altered TCR Ligands Affect Antigen-Presenting Cell Responses: Up-Regulation IL-12 by an Analogue Peptide", <i>J Immunol.</i> 157(11): 4837-43, December, 1996.
	*McKeon, "IgG and IgE Antibodies Against Antigens of the Cat Flea, <i>Ctenocephalides Felis</i> in Sera of Allergic and Non-Allergic Dogs," <i>Int. J. Parasitology</i> , 24(2): 259-263, 1994.
	*Mecheri, et al., "Purification and Characterization of a Major Allergen from <i>Dactylis Glomerata</i> Pollen: The Ag Dgl1", <i>Int. Arch. Allergy Appl. Immunol.</i> , 78:283-289
	*Mena, et al., "A Major Barley Allergen Associated with Baker's Asthma Disease is a Glycosylated Monomeric Inhibitor of Insect α -Amylase: cDNA Cloning and Chromosomal Location of the Gene", <i>Plant Molec. Biol.</i> 20:451-458, 1992.
	*Menedez-Arias, et al., "Primary Structure of the Major Allergen of Yellow Mustard (<i>Sinapis alba</i> L.) Seed, Sin α I" <i>Eur. J. Biochem.</i> , 177:159-166, 1988.
	*Metcalf, "Food Allergens," <i>Clin Rev Allergy</i> , 3:331-49, 1985.
	*Metzler, et al., "Determination of the Three-Dimensional Solution Structure of Ragweed Allergen Amb t V by Nuclear Magnetic Resonance Spectroscopy". <i>Biochemistry</i> , 31: 5117-5127, 1992.
	*Metzler, et al., "Proton Resonance Assignments and Three-Dimensional Solution Structure of the Ragweed Allergen Amb a V by Nuclear Magnetic Resonance Spectroscopy" <i>Biochemistry</i> , 31: 8697-8705, 1992.
	*Miller, et al., "Allergy to Bovine Beta-Lactoglobulin: Specificity of Immunoglobulin E Genes in the Brown Norway Rat to Tryptic and Synthetic Peptides", <i>Clin. Exp. Allergy</i> , 29(12): 1696-704, December, 1999.
	*Miyazawa, et al., "Identification of the First Major Allergen of a Squid (<i>Todarodes Pacificus</i>)", <i>J. Allergy Clin. Immunol.</i> , 98:948-953, 1996.
	*Mohapatra, SS, "Modulation of Allergen-Specific Antibody Responses by T-Cell-Based Peptide Vaccine(s). Principles and Potential", <i>Clin Rev Allergy</i> . 12(1): 3-22, Spring, 1994.
	*Moneret-Vautrin, "Modifications of Allergenicity Linked to Food Technologies," <i>Allerg Immunol</i> , 30(1): 9-13, 1998.
	*Monsalve, et al., "Characterization of a New Oriental-Mustard (<i>Brassica Juncea</i>) Allergen, Bra j IE: Detection of an Allergenic Epitope" <i>Biochem. J.</i> , 293:625-632, 1993.
	*Morgenstern, et al., "Amino Acid Sequence of Fel d I, the Major Allergen of the Domestic Cat: Protein Sequence Analysis and cDNA Cloning" <i>Proc. Natl. Acad. Sci. USA</i> , 88: 9690-9694, 1991.
	*Muckerheide, et al., "Immunosuppressive Properties of a Peptic Fragment of BSA", <i>The Journal of Immunology</i> , 119(4): 1340-45, October, 1977.
	*Muckerheide, et al., "Kinetics of Immunosuppression Induced by Peptic Fragments of Bovine Serum Albumin", <i>Cellular Immunology</i> , 50, 340-47, 1980.
	*Muller, et al., "Successful Immunotherapy with T-Cell Epitope Peptides of Bee Venom Phospholipase A2 Induces Specific T-Cell Anergy in Patients Allergic to Bee Venom" <i>J Allergy Clin Immunol.</i> 101(6 Pt 1): 747-54, June, 1998.
↓	*Nagahara, et al., "Transduction of Full-Length TAT Fusion Proteins into Mammalian Cells: TAT-p27 ^{Kip1} Induces Cell Migration", <i>Nature Medicine</i> , 4(12): 1449-1452, 1998.
Examiner's	OTHER DOCUMENTS (Cont.)

Initials	(Including Author, Title, Date, Pertinent Pages, Etc.)
P.H.	*Nair, Smita et al., Soluble Proteins Delivered to Dendritic Cells Via pH-sensitive Liposomes Induce Primary Cytotoxic T Lymphocyte Responses In Vitro", <i>J. Exp. Med.</i> , 175 February 1992 609-612.
	*Nelson, et al., "Treatment of Anaphylactic Sensitivity to Peanuts by Immunotherapy with Injections of Aqueous Peanut Extract," <i>J. Allergy Clin. Immunol.</i> 99: 744-751, 1997.
	*Nilsen, et al., "Structural Analysis of the Glycoprotein Allergen Art v from the Pollen of Mugwort (<i>Artemisia Vulgaris</i> L.)" <i>J. Biol. Chem.</i> 266: 2660-2668.
	*Nicodemus, et al., "Integrated Clinical Experience with Tolerogenic Peptides", <i>Int Arch Allergy Immunol.</i> 113:(1-3): 326-8, May-July, 1997.
	*Nishiyama, et al., "Determination of Three Disulfide Bonds in a Major House Dust Mite Allergen, Der f II", <i>Int. Arch. Allergy Immunol.</i> , 101:159-166, 1993.
	*Noon, "Prophylactic Inoculation Against Hay Fever," <i>Lancet</i> , 1: 1572-73, 1911.
	*Nordlee, et al., "Allergenicity of Various Peanut Products as Determined by RAST Inhibition," <i>J. Allergy Clin. Immunol.</i> 68: 376-82, 1981.
	*Norman, et al., "Clinical and Immunologic Effects of Component Peptides in Allervax Cat", <i>Int Arch Allergy Immunol.</i> 113(1-3): 224-6, May-July, 1997.
	*Norman, et al., "Multicenter Study of Several Doses of ALLER-VAX® Cat Peptides in the Treatment of Cat Allergy," <i>Journal of Allergy and Clinical Immunology</i> , 99: S127, 1997.
	*Norman, et al., "Treatment of Cat Allergy with T-Cell Reactive Peptides" <i>Am J Respir Crit Care Med.</i> 154(6 Pt 1): 1623-8, December, 1996.
	*Obispo, et al., "The Main Allergen of <i>Olea Europaea</i> (Ole e I) is Also Present in other Species of the Oleaceae Family", <i>Clin. Exp. Allergy</i> , 23:311-316, 1993.
	*O'Brien, et al., "An Immunogenetic Analysis of T-Cell Reactive Regions on the Major Allergen from the House Dust Mite, Der p I, with Recombinant Truncated Fragments", <i>J Allergy Clin Immunol.</i> 93(3): 628-34, March, 1994.
	*O'Farrell, "High Resolution Two-Dimensional Electrophoresis of Proteins," <i>J. Biol. Chem.</i> 250: 4007-21, 1975.
	*O'Hehir, et al., "House Dust Mite Allergy: From T-Cell Epitopes to Immunotherapy", <i>Eur J Clin Invest.</i> 23(12): 763-72, December 1993.
	*O'Hehir, et al., "An In Vitro Model of Peptide-Mediated Immunomodulation of the Human T c Response to <i>Dermatophagoides</i> spp (House Dust Mite)" <i>J Allergy Clin Immunol.</i> 87(6): 1120-7, June, 1991.
	*Okano, et al., "Population Analysis of Cellular Responses to Synthetic Peptides of Der p II, a Major Allergen Molecule of <i>Dermatophagoides Pteronyssinus</i> , in Allergic and Nonallergic Subjects", <i>Allergy.</i> 49(6): 436-41, July, 1994.
	*Olsen, et al., "Identification and Characterization of the Poa p IX Group of Basic Allergens of Kentucky Bluegrass Pollen", <i>J. Immunol.</i> 147: 205-211.
	*O'Neil, et al., "Cloning and Characterization of a Major Allergen of the House Dust Mite, <i>Dermatophagoides Pteronyssinus</i> , Homologous with Glutathione S-Transferase", <i>Biochimica et Biophysica Acta</i> , 1219:521-528, 1994.
✓	*Oppenheimer, et al., "Treatment of Peanut Allergy with Rush Immunotherapy", <i>J Allergy Clin Immunol.</i> 90: 256-62, 1992.
Examiner's Initials	<div> <div> OTHER DOCUMENTS (Cont.) </div> <div> 4/19/05 </div> </div>

	(Including Author, Title, Date, Pertinent Pages, Etc.)
Park	*Park, et al., "Pediatric IgE Antibody binding to the Most Common Seafood Proteins in Korea", <i>Journal of Allergy and Clinical Immunology</i> , 101(1): 377, 1998.
	*Pecquet, et al., "Immunoglobulin E Suppression and Cytokine Modulation in Mice Orally Tolerized to β -Lactoglobulin", <i>Immunology</i> , 96, 278-85, 1999.
	*Pene, et al., "Immunotherapy with Fel D 1 Peptides Decreases IL-4 Release by Peripheral Blood T Cells of Patients Allergic to Cats", 102: (4 Pt 1): 571-8, October, 1998.
	*Perez, et al., "cDNA Cloning and Immunological Characterization of the Rye Grass Allergen Lol p I" <i>J. Biol. Chem.</i> 265:16210-16215, 1990.
	*Pesce, et al., "Modulation of the Immune Response to Allergens: Phospholipase A Degradation Products Suppress IgG and IgE Response in Mice", <i>Int Arch Allergy Appl Immunol</i> , 92, 88-93, 1990.
	*Petersen, et al., "Characterization of the Allergen Group VI in Timothy Grass Pollen (Phl p6) II. c DNA Cloning of Phl p 6 and Structural Comparison to Grass Group V", <i>Arch. Allergy Immunol.</i> 108: 55-59.
	*Phadebas Rast Radioimmunoassay Reagents for 100 or 300 Tubes, Pharmacia Diagnostics AB, Uppsala Sweden 1985, Revised January 1988.
	*Pisetsky, "Immune Activation by Bacterial DNA: A New Genetic Code," <i>Immunity</i> , 5(4): 303-10, 1996.
	*Pollart, et al., "Identification, Quantitation, and Purification of Cockroach Allergens using Monoclonal Antibodies," <i>J. Allergy Clin. Immunol.</i> , 87: 511-521, 1991.
	*Posch, et al., "Characterization and Identification of Latex Allergens by Two-Dimensional Electrophoresis and Protein Microsequencing," <i>J. Allergy Clin. Immunol</i> , 99(3): 385-395, 1997.
	*Pucheu-Haston, "Allergenic Cross-Reactivities in Flea-Reactive Canine Serum Samples," <i>AJVR</i> 57(7): 1000-1005, 1996.
	*Rabjohn, et al., "Glycinin, A Third Major Peanut Allergen Identified by Soy-Adsorbed Serum IgE from Peanut Sensitive Individuals", Abstract.
	*Rabjohn, et al., "Molecular Cloning and Epitope Analysis of the Peanut Allergen Ara h 3", <i>J. Clin. Invest.</i> 103(4), 535-42, February, 1999.
	*Rabjohn, et al., "Mutational Analysis of the IgE-Binding Epitopes of the Peanut Allergen, Ara h 3: A Member of the Glycinin Family of Seed-Storage Proteins", Abstract.
	*Rafner, et al., "Cloning of Amb a I (Antigen E), the Major Allergens Family of Short Ragweed Pollen", <i>J. Biol. Chem.</i> 266: 1229-1236, 1991.
	*RAZ, et al., "Intradermal Gene Immunization: The Possible role of DNA Uptake in the Induction of Cellular Immunity to Viruses," <i>Proc Nat Acad Sci USA</i> , 91:9519-9523, 1994.
	*Reese, et al., "Characterization of Recombinant Shrimp Allergen Pen a 1 (Tropomyosin)", <i>Int Arch Allergy Immunol</i> , 113: 240-242, 1997.
	*Remy, et al., "Topical Peptides: Percutaneous Absorption of a Vasopressin Derivate, Grass Pollen, and Other Allergens by Iontophoresis in Men", <i>J Invest Dermatol.</i> 91(6): 606, December, 1988.
	*Roberts, et al., "Nucleotide Sequence of cDNA Encoding the Group II Allergen of Cocksfoot/Orchard Grass (<i>Dactylis Glomerata</i>), Dac g II", <i>Allergy</i> , 48:615-623, 1993.
✓	*Roebber, et al., "Immunochemical and Genetic Studies of Amb t V (Ra5G), an Ra5 Homologue from Giant Ragweed Pollen", <i>J. Immunol.</i> 134: 3062-3069, 1985.
Examiner's	 OTHER DOCUMENTS (Cont.) 4/19/05

Initials	(Including Author, Title, Date, Pertinent Pages, Etc.)
Pjt	*Roebber, et al., "Isolation and Characterization of Allergen Amb a VII from Short Ragweed Pollen", <i>J. Allergy Clin. Immunol.</i> 87: 324, 1991.
	*Rogers, et al., "Potential Therapeutic Recombinant Proteins Comprised of Peptides Containing Recombined T Cell Epitopes", <i>Mol Immunol.</i> 31(13): 955-66, September, 1994.
	*Rogers, et al., "Complete Sequence of the Allergen Amb a II: Recombinant Expression and Reactivity with T Cells from Ragweed Allergic Patients", <i>J. Immunol.</i> 147: 2547-2552, 1991.
	*Rolfesen, "Detection of Specific IgE Antibodies Towards Cat Flea (<i>Ctenocephalides Felis Felis</i>) in Patients with Suspected Cat Allergy," <i>Allergy</i> , 42: 177-181 (1987).
	*Rolland, et al., "Immunotherapy of Allergy: Anergy, Deletion, and Immune-Deviation", <i>Current Opinion in Immunology</i> , 10: 640-45, 1998.
	*Rooney, et al., "Antiparallel, Intramolecular Triplex DNA Stimulates Homologous Recombination in Human Cells," <i>Proc. Natl. Acad. Sci. USA</i> , 92: 2141-2144, 1995.
	*Sachs, et al., "Isolation and Partial Characterization of a Major Peanut Allergen," <i>J. Allergy Clin. Immunol.</i> 67: 27-34, 1981.
	*Sakaguchi, et al., "Identification of the Second Major Allergen of Japanese Cedar Pollen", <i>Allergy</i> , 45:309-312, 1990.
	*Sampson & McCaskill, "Food Hypersensitivity in Atopic Dermatitis: Evaluation of 113 Patients," <i>J. Pediatr.</i> 107: 669-75, 1995.
	*Sampson, "Peanut Anaphylaxis," <i>J Allergy Clin Immunol.</i> , 86: 1-3, 1990.
	*Sampson, "Role of Immediate Food Hypersensitivity in the Pathogenesis of Atopic Dematitis," <i>J. Allergy Clin. Immunol.</i> 71: 473-80, 1993.
	*Sampson, et al., "Fatal and Near-Fatal Anaphylactic Reactions to Food in Children and Adolescents", <i>The New England Journal of Medicine</i> , 327(6): 380-84, August, 1992.
	*Sampson, et al., "Food Allergy and the Role of Immunotherapy," <i>J Allergy Clin. Immun.</i> 90:151-52, 1992.
	*Sampson, et al., "Mechanisms of Food Allergy," <i>Annu. Rev. Nutr.</i> 16: 161-77, 1996.
	*Reisman, "Fifteen yeas of hymenoptera Venom Immunotherapy," <i>J. Allergy Clin Immunol.</i> , 90: 256-62 (1992).
	*Scheiner, "Recombinant Allergens: Biological, Immunological and Practical Aspects," <i>Int. Arch. Allergy Immunol.</i> , 98: 93-96 (1992).
	*Schemmer, "Efficacy of Alum-Precipitated Flea Antigen for Hyposensitization of Flea-Allergic Dogs," <i>Seminars in Veterinary Medicine and Surgery (Small Animal)</i> , 2(3): 195-198, 1987.
	*Schmidt, et al., "cDNA Analysis of the Mite Allergen Lep d 1 Identifies Two Different Isoallergens and Variants", <i>FEBS Letter</i> , 370:11-14, 1995.
	*Schmidt, et al., "The Complete cDNA Sequence and Expression of the First Major Allergenic Protein of <i>Malassezia Furfur</i> , Mal f 1", <i>Eur J. Biochem.</i> , 246:181-185, 1997.
	*Schmidt, et al., "Nucleotide Sequence of cDNA Encoding the Fire Ant Venom Protein Sol i II", <i>FEBS Letter</i> , 319:138-140, 1993.
	*Schwarze, et al. "In Vivo Protein Transduction: Delivery of a Biologically Active Protein into the Mouse", <i>Science</i> , 285: 1569-1572
↓	*Secrist, et al., "Allergen Immunotherapy Decreases Interleuken 4 Production in CD4 + T Cells From Allergic Individuals," <i>J. Exp. Med.</i> 178 2123-2130 (1993).
Examiner's	 OTHER DOCUMENTS (Cont.) 4/19/05

Initials	(Including Author, Title, Date, Pertinent Pages, Etc.)
	*Sehra, et al., "Role of Liposomes in Selective Proliferation of Splenic Lymphocytes" <i>Molecular and Cellular Biochemistry</i> , 183: 133-139, 1998.
	*Sen, et al., "Allergen Structure May Dictate Why Some IgE Binding Epitopes Become Immunodominant Within a Food Allergic Population", Abstract.
	*Sevier, et al., "Monoclonal Antibodies in Clinical Immunology," <i>Clin. Chem.</i> 27(11): 1797-1806, 1981.
	*Shanti, et al., "Identification of Tropomyosin as the Major Shrimp Allergen and Characterization of its IgE-Binding Epitopes:," <i>J. Immunol.</i> , 151: 5354-5363, 1993.
	*Sharif, et al., "Biodegradable microparticles as a delivery system for the allergens of Dermatophagoides pteronyssinus (house dust mite): I. Preparation and characterization of microparticles", <i>International Journal of Pharmaceutics</i> , 119 1995) 239-246.
	*Shen, et al., "Molecular Cloning of a House Dust Mite Allergen with Common Antibody Binding Specificities with Multiple Components in Mite Extracts", <i>Clin. Exp. Allergy</i> , 23: 934-940, 1993.
	*Shen, et al., "Studies on Allergens of Aspergillus Flavus", <i>J. Allergy Clin. Immunol.</i> , 103:S157, 1999.
	*Shen, et al., "Allergenic Components in Three Different Species of Penicillium: Crossreactivity Among Major Allergens" <i>Clin. Exp. Allergy</i> , 26:444-451, 1996.
	*Shen, et al., "Molecular Cloning of cDNA Coding for the 68 kDa Allergen of Penicillium Notatum Using MoAbs", <i>Clin Exp. Allergy</i> , 25:350-356, 1995.
	*Shen, et al., "The 40-Kilodalton Allergen of Candida Albicans is an Alcohol Dehydrogenase: Molecular Cloning and Immunological Analysis Using Monoclonal Antibodies", <i>Clin Exp. Allergy</i> , 21:675-681, 1991.
	*Shin, et al., "Biochemical and Structural Analysis of the IgE Binding Sites on Ara h1, An Abundant and Highly Allergenic Peanut Protein", <i>J. Biol. Chem.</i> 273(22): 13753-9, May, 1998.
	*Shin, et al., Characterization of a Major Peanut Allergen: Mutational Analysis of the Ara h 1 IgE Binding Epitopes and Strategies for the Creation of a Hypoallergenic Peanut Clone", Abstract.
	*Shin, Modulation of the Reactivity of the Major Peanut Allergen Ara h 1 Through Epitope Characterization, Structural Analysis, and Mutation", Abstract.
	*Shin, et al., "Tertiary Structure of the Major Peanut Allergen Ara h 1: Implications for the Bioengineering of a Hypoallergenic Protein", Abstract.
	*Sidoli, et al., "Cloning, Expression, and Immunological Characterization of Recombinant Lolium-Perenne Allergen Lol p II", <i>J. Biol Chem.</i> , 268:21819-21825, 1993.
	*Simons, et al., "Fel D 1 Peptides: Effect on Skin Tests and Cytokine Synthesis in Cat-Allergic Human Subjects", <i>Int Immunol.</i> 8(12): 1937-45, December, 1996.
	*Singh, et al., "Isolation of cDNA Encoding a Newly Identified -Major Allergenic P, rotein of Rye-Grass Pollen: Intracellular Targeting to the Amyloplast", <i>Proc. Natl. Acad. Sci.</i> , 88:1384-1388, 1991.

Examiner's Initials	OTHER DOCUMENTS (Cont.) (Including Author, Title, Date, Pertinent Pages, Etc.)
PJK	*Smith, et al., "Cloning and Expression in Yeast <i>Pichia Pastoris</i> of a Biologically Active Form of Cyn d 1, the Major Allergen of Bermuda Grass Pollen", <i>J. Allergy Clin. Immunol.</i> 98:331-343, 1996.
	*Smith, et al., "Comparative Analysis of the Genes Encoding Group 3 Allergens from <i>Dermatophagoides Pteronyssinus</i> and <i>Dermatophagoides Farinae</i> ", <i>Int Arch Allergy Immunol.</i> , 109:133-140, 1996.
	*Soldatova, et al., "Sequence Similarity of a Hornet (<i>D. Maculata</i>) Venom Allergen Phospholipase A ₁ with Mammalian Lipases", <i>FEBS Letters</i> , 320:145-149, 1993.
	*Sone, et al., "T Cell Epitopes in a Japanese Cedar (<i>Cryptomeria Japonica</i>) Pollen Allergens: Choice of Major T Cell Epitopes in Cry j 1 and Cry j 2 Toward Design of the Peptide-Immunotherapeutics for the Management of Japanese Cedar Pollinosis", <i>J. Immunol.</i> 161(1): 448-57, July 1, 1998.
	*Sparholt, et al., "The Allergen Specific B-Cell Response During Immunotherapy." <i>Clinical and Experimental Allergy</i> , 22: 648-653 (1992).
	*Stadler, et al., "Mimotope and Anti-Idiotypic Vaccines to Induce an Anti-IgE Response", <i>Int Arch Allergy Immunol.</i> 118(2-4): 119-21, February-April, 1999.
	*Stanley, et al., "Biochemistry of Food Allergens", <i>Clin Rev. Allergy Immunol.</i> 17(3): 279-91, 1999.
	*Stanley, et al., "Identification and Mutational Analysis of the Immunodominant IgE Binding Epitopes of the Major Peanut Allergen Ara h 2", <i>Arch Biochem Biophys.</i> 342(2): 244-53, June, 1997.
	*Stanley, et al., "Peanut Hypersensitivity. IgE Binding Characteristics of a Recombinant Ara h I Protein", <i>Adv. Exp Med. Biol.</i> 409: 213-6, 1996.
	*Stanley, et al., "Mapping of the B-Cell Epitopes on Ara h 1 and Ara h II, Legume Storage Proteins and Major Allergens Involved in Peanut Hypersensitivity", Abstract.
	*Stanley, et al., "Ara h I, A Major Allergen Involved in Peanut Hypersensitivity, Has Multiple IgE Binding Domains", Abstract.
	*Stanley, et al., "Isolation and Quantitation of mRNA Differentially Expressed in Stimulated T Lymphocytes from Peanut Hypersensitive Individuals", Abstract.
	*Stanworth, et al., "Allergy Treatment with a Peptide Vaccine", <i>Lancet.</i> 336(8726): 1279-81, November 24, 1990.
	*Stanworth, et al., "Nomenclature for Synthetic Peptides Representative of Immunoglobulin Chain Sequences", <i>Bulletin WHO</i> , 68: 109-111, 1990.
	*Steinberger, et al., "Construction of a Combinatorial IgE Library from an Allergic Patient. Isolation and Characterization of Human IgE Fabs with Specificity for the Major Timothy Grass Pollen Allergen, Phl p 5", <i>J. Biol. Chem.</i> 271: 10967-10982, 1996.
	*Sunderasan, et al., "Latex B-Serum β -1,3-Glucanase (Hev b II) and a Component of the Microhelix (Hev b IV) are Major Latex Allergens" <i>J. Nat Rubb Res.</i> , 10:82-99, 1995.
✓	*Suphioglu, et al., "Peptide Mapping Analysis of Group I Allergens of Grass Pollens", <i>Int Arch Allergy Immunol.</i> 102(2): 144-51, 1993.

Examiner's Initials	OTHER DOCUMENTS (Cont.) (Including Author, Title, Date, Pertinent Pages, Etc.)
Pnt	*Suphioglu, et al., "Molecular Cloning and Immunological Characterisation of Cyn D 7, A Novel Calcium-Binding Allergen from Bermuda Grass Pollen", <i>FEBS Letter</i> . 402:167-172, 1997.
	*Suphioglu, et al., "Cloning, Sequencing and Expression in Escherichia Coli of Pha a 1 and Four Isoforms of Pha a 5, The Major Allergens of Canary Grass Pollen", <i>Clin. Exp. Allergy</i> , 25:853-865, 1995.
	*Sutton, et al., "Detection of IgE and IgG Binding Proteins After Electrophoresis Transfer From Polyacrylamide Gels", <i>Journal of Immunological Methods</i> , 52:183-86, 1982.
	*Svirshchevskaya, et al., "Intravenous Injection of Major and Cryptic Peptide Epitopes of Ribotoxin, Asp F1 Inhibits T Cell Response Induced by Crude Aspergillus Fumigatus Antigens in Mice", 21(1): 1-8, January 1, 2000.
	*Sward-Nordmo, et al., "The Glycoprotein Allergen Ag-54 (Cla h II) From Cladosporium Herbarum", Structural Studies of the Carbohydrate Moiety", <i>Int. Arch. Allergy Appl. Immunol.</i> , 85:288-294, 1988.
	*Szostak, "In Vitro Genetics", <i>TIBS</i> , 19:89, 1992.
	*Takai, et al., "Engineering of the Major House Dust Mite Allergen Der f 2 for Allergen-specific Immunotherapy," <i>Nature Biotechnology</i> , 15:754-58 (1997).
	*Takashi, et al., "Engineering of Hypoallergenic Mutants of the Brassica Pollen Allergen, Bra r 1, for Immunotherapy," <i>FEBS Letters</i> , 434: 255-260 (1998).
	*Taniai, et al., "N-Terminal Amino Acid Sequence of a Major Allergen of Japanese Cedar Pollen (Cry j I) <i>FEBS Letter</i> , 239:329-332, 1988.
	*Taylor, et al., "Peanut Oil is Not Allergenic to Peanut Sensitive Individuals", <i>J. Allergy Clin. Immunol.</i> , 68: 372-375 (1981).
	*Taylor, et al., "Evidence for the Ecistence of Multiple Allergens in Peanuts," <i>J. Allergy Clin. Immunol.</i> 69:128, 1982.
	*Teshima, et al., "Isolation and Characterization of a Major Allergenic Component (gp55) of Aspergillus Fumigatus", <i>J. Allergy Clin. Immunol.</i> 92:698-706, 1993.
	*Texier, et al., "HLA-DR Restricted Peptide Candidates for Bee Venom Immunotherapy", <i>J. Immunol.</i> , 164(6): 3177-84, March 15, 2000.
	*Thomas, et al., "Purification of Membrane Proteins," <i>Meth. Enzymol.</i> , 182:499-520, 1990.
	*Tovey, et al., "Cloning and Sequencing of a cDNA Expressing a Recombinant House Dust Mite Protein that Binds Human IgE and Corresponds to an Important Low Molecular Weight Allergen", <i>J. Exp. Med.</i> 170:1457-1462, 1989.
	*Towbin, et al., "Electrophoretic Transfer of Proteins from Polyacrylamide Gels to Nitrocellulose Sheets: Procedure and Some Applications," <i>Proc. Natl. Acad. Sci. USA</i> , 176: 4350-54, 1979.
	*Trudinger, et al., "cDNA Encoding the Major Mite Allergen Der f II" <i>Clin. Exp. Allergy</i> , 21:33-38, 1991.
✓	*Twardosz, "Molecular Characterization, Expression i Escherichia Coli, and Epitope Analysis of a Two EF-Hand Calcium-Binding Birch Pollen Allergen, Bet v 4," <i>Biochem. Biophys. Res. Commun.</i> , 239:197-204, 1997.

Examiner's Initials	OTHER DOCUMENTS (Cont.) (Including Author, Title, Date, Pertinent Pages, Etc.)
P.A.	*Valenta, et al., "cDNA Cloning and Expression of Timothy Grass (Phleum Pratense) Pollen Profilin in Escherichia Coli: Comparison with Birch Pollen Profilin", <i>Biochem. Biophys. Res. Commun.</i> 199: 106-118.
	*Van Der Stoep, et al., "In vivo and in Vitro IgE Isotype Switching in Human B Lymphocytes: Evidence for a Predominantly direct IgM to IgE class Switch Program", <i>European J. Immunol.</i> 24 1307-1311 (1994)
	*Van Hage-Hamsten, "Skin Test Evaluation of Genetically Engineered Hypoallergenic Derivatives of the Major Birch Pollen Allergen, Bet v 1: Results Obtained with A Mix of Two Recombinant Bet v 1 Fragments and Recombinant Bet v 1 Trimer in a Swedish Population Before the Birch Pollen Season", <i>J Allergy Clin Immunol.</i> 104(5): 969-77, November, 1999.
	*Van Hage-Hamsten, et al., "N-Terminal Aminoacid Sequence of Major Allergen of the Mite <i>Lepidoglyphus Destructor</i> ," <i>J. Allergy Clin. Immunol.</i> 91:353, 1993.
	*Van Hoeyveld, et al., "Allergenic and Antigenic Activity of Peptide Fragments in a Whey Hydrolysate Formula", 28(9): 1131-7, September, 1998.
	*Van Kampen, et al., "Analysis of B-cell Epitopes in the N-Terminal Region of Chi t 1 component III using Monoclonal Antibodies," <i>MolecularImmunol.</i> 31: 1133-1140 (1994).
	*Van Millgen, et al., "Differences Between Specificities of IgE and IgG4 Antibodies: Studies Using Recombinant Chain 1 and Chain 2 of the Major Cat Allergen <i>Felis Domesticus</i> (d) I. <i>Clin Exp Allergy</i> 25(3): 247-51, March, 1995.
	*Van Milligen, et al., "IgE and IgG4 Binding to Synthetic Peptides of the Cat (<i>Felis Domesticus</i>) Maj Allergen Fel dI" <i>Int Arch Allergy Immunol.</i> 103(3): 274-9, 1994.
	*Van Milligen, et al., "IgE Epitopes on the Cat (<i>Felis Domesticus</i>) Major Allergen Fel D I: A Study Wit Overlapping Synthetic Peptides", <i>J Allergy Clin Immunol.</i> 93(1 Pt 1): 34-43, January, 1994
	*Van Ree, et al., "Rabbit IgG Directed to a Synthetic C-Terminal Peptide of the Major Grass Pollen Allergen Lol p I Inhibits Human Basophil Histamine Release Induced by Natural p I". <i>Int Arch Allergy Immunol.</i> 106(3): 250-7, March, 1995.
	*Van Ree R, et al., "Lol p XI, a New Major Grass Pollen Allergen, is a Member of a Family of Soybean Trypsin Inhibitor-Related Protein", <i>J. Allergy Clin Immunol.</i> 95:970-978, 1995.
	*Van't Hof, et al., "Epitope Mapping of the Cat (<i>Felis Domesticus</i>) Major Allergen Fel D I by Overlapping Synthetic Peptides and Monoclonal Antibodies Against Native and Denatured Fel D I", <i>Allergy</i> , 48(4) 255-63, May, 1993.
	*Van't Hof, et al., Epitope Mapping of the <i>Dermatophagoides Pteronyssinus</i> House Dust Mite Major Allergen Der p II Using Overlapping Synthetic Peptides", 28(11): 1225-32, November, 1991.
	*Varela, et al., "Primary Structure of Lep d I, the Main <i>Lepidoglyphus Destructor</i> Allergen", <i>Eur J. Biochem.</i> , 225:93-98, 1994.
	*Villalba, et al., "The Amino Acid Sequence of Ole e I, the Major Allergen From Olive Tree (<i>Olea Europaea</i>) Pollen", <i>Europ. J. Biochem.</i> , 216:863-869, 1993.
✓	*Vives, et al., "A Truncated HIV-1 Tat Protein Basic Domain Rapaidly Translocates Through the Plasma Membrane and Accumulates in the Cell Nucleus", <i>The Journal of Biological Chemistry</i> ", 272(25): 16010-16017, 1997.

Examiner's Initials	OTHER DOCUMENTS (Cont.) (Including Author, Title, Date, Pertinent Pages, Etc.)
Pnk	*Voller, et al., "Enzyme-Linked Immunosorbent Assay," <i>Manual of Clinical Laboratory Immunology</i> , Rose, ed., Chapter 17, Third Edition, 99-109, 1986.
	*Vrtala, "High Level Expression in Escherichia Coli and Purification of Recombinant Plant Profilins: Comparison of IgE Binding Capacity and Allergenic Activity," <i>Biochem. Biophys. Res. Comm</i> , 226: 42-50, 1996.
	*Vrtala, et al., "Conversion of the Major Birch Pollen Allergen, Bet v 1, Into Two Nonanaphylactic T Cell Epitope-Containing Fragments: Candidates for a Novel Form of Specific Immunotherapy", <i>J. Clin. Invest.</i> 99(7): 1673-81, April, 1997.
	*Vrtala, et al., "Division of the Major Birch Pollen Allergen, Bet v 1, Into Two Non-Anaphylactic Fragments", <i>Int Arch Allergy Immunol.</i> , 113: 246-48, 1997.
	*Wallner, et al., "Immunotherapy with T-Cell Reactive Peptides Derived from Allergens" <i>Allergy</i> 49(5): 302-8, May, 1994.
	*Watanabe, et al., "Primary Structure of an Allergenic Peptide Occurring in the Chymotryptic Hydrolysate of Gluten", <i>Biosci Biotechnol Biochem.</i> 59(8): 1596-7, August, 1995.
	*Weber, et al., "Characteristics of the Asparagine-Linked Oligosaccharide from Honey-Bee Venom Phospholipase A2". <i>Comp. Biochem. Physiol.</i> 83B: 321-324, 1986.
	*Weber, et al., "Specific Interaction of IgE Antibodies with a Carbohydrate Epitope of Honey Bee Venom Phospholipase A2", <i>Allergy</i> , 42: 464-470, 1987.
	*Wiedermann, et al., "Suppression of Antigen-Specific T- and B-Cell Responses by Intranasal or Oral Administration of Recombinant Bet v 1, The Major Birch Pollen Allergen, in a Murine Model of Type I Allergy", <i>J. Allergy Clin Immunol.</i> , 103(6): 1202-10, June, 1999.
	*Williams, et al., "Identification of Epitopes Within Beta Lactoglobulin Recognised by Polyclonal Antibodies Using Phage Display and PEPSCAN", <i>J Immunol Methods.</i> 213(1): 1-17, April, 1998.
	*Woodfolk, et al., "Trichophyton Antigens Associated with IgE Antibodies and Delayed Type Hypersensitivity", <i>J. Biol. Chem.</i> 273:29489-29496, 1998.
	*Wu, et al., "Isolation and Preliminary Characterization of cDNA Encoding American Cockroach Allergens", <i>J. Allergy Clin. Immunol.</i> , 96:352-359, 1995.
	*Yamamoto, et al., "DNA From Bacteria, But Not From Vertebrates, Induces Interferons, Activates Natural Killer Cells and Inhibits Tumor Growth," <i>Microbiol. Immunol.</i> 36(9): 983-97, 1992.
	*Yang, et al., "Immunologic Characterization of a Recombinant Kentucky Bluegrass (Poapratensis) Allergenic Peptide", <i>J Allergy Clin Immunol.</i> 87(6): 1096-104, June, 1991.
	*Yeang, et al., "The 14.6 kd Rubber Elongation Factor (Hev b 1) and 24 kd (Hev b 3) Rubber Particle Proteins are Recognized by IgE from Patients with Spina Bifida and Latex Allergy" <i>J. Allergy Clin Immunol</i> , 98(3): 628-639, 1996.
	*Yssel, et al., "Peptide Induced Anergy of Human Allergen-Specific T Cells" <i>Adv Exp. Med Biol.</i> 409: 405-10, 1996.
✓	*Yunginger, et al., "Fatal Food-Induced Anaphylaxis," <i>JAMA</i> , 260: 1450-2, 1988.

Py. J.

4/19/95

Examiner's Initials	OTHER DOCUMENTS (Cont.) (Including Author, Title, Date, Pertinent Pages, Etc.)	
<i>P.A.</i>	*Zimmerman, et al., "CpG Oligodexonucleotides Trigger Protective and Curative Th1 Responses in Lethal Murine Leishmaniasis," <i>J. Immunol.</i> 160(8): 3627-30, 1998.	
EXAMINER	<i>P.S. N. J.</i>	4/19/05
DATE CONSIDERED		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

3560065_1.DOC